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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) KEFLAVIK--ETC(U)
JUL 78

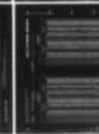
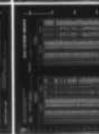
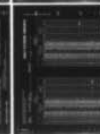
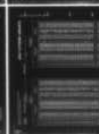
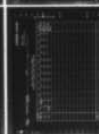
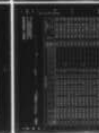
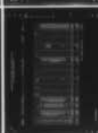
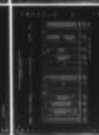
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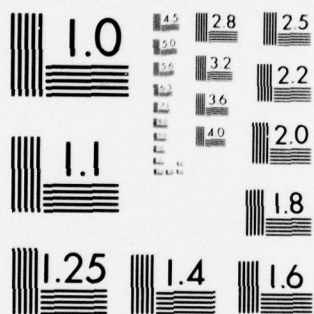
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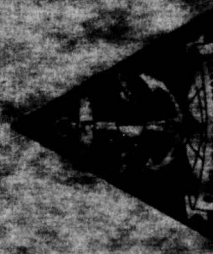
(Summary of Meteorological Observations, Surface)

Prepared by
Naval Weather Service Detachment
Federal Building
Asheville, N. C. 28801

Job Number: 7206

Station: KEFLAVIK, ICELAND

JULY 1978



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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Summary of Meteorological Observations, Surface (SMOS) Keflavik, Iceland		5. TYPE OF REPORT & PERIOD COVERED Reference report 1949-1977
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) Naval Weather Service Detachment Asheville, N. C. 28801		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Weather Service Detachment Federal Building Asheville, N. C. 28801		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS Director, Naval Oceanography and Meteorology National Space Technology Laboratories NSTL Station, MS 39529		12. REPORT DATE July 1978
		13. NUMBER OF PAGES 358
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report) Unclassified
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		NTIS White Section <input checked="" type="checkbox"/> DDC Buff Section <input type="checkbox"/> UNANNOUNCED <input type="checkbox"/> JUSTIFICATION _____ BY _____ DISTRIBUTION/AVAILABILITY CODES Dist. A: AIL and/or SPECIAL <div style="border: 1px solid black; padding: 5px; display: inline-block; font-size: 2em; margin-top: 10px;">A</div>
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, Naval shore facility, coastal region, snow depth, cloud cover, Keflavik, Iceland		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure		

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV. (FT)	CALL SIGN	AMO NUMBER
16201	Keflavik, Iceland	63°58'N	22°35'W	169	BIKF	04018

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARQ LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
*1.	Observation tower	Navy	1961	1964	63°58'N	22°35'W	164	Tonnellot	24
2.	Forecast office, second deck Operations building	"	1964	1976	"	"	176	"	24
1a.	Building T 50 Radiosonde site	"	1967		"	"	129	Aneroid	2
2a.	Observation tower, third deck Operations building	"	1976		"	"	193	"	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION			REMARKS ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	
*1.		3400' northwest of the center of the runway complex and 1 1/2 miles northwest of the observation tower	AN/UMQ-5	RD-108	13'
2.	1968	1450' S of center line of runway 12-30 and 750' E of center line of runway 03-21	AN/UMQ-5C	RD-108B	25'

- * Station operated by U.S. Air Force prior to October 1961.
1. Barograph (marine)
 2. Ceiling light (ML-121)
 3. Cloud height set (AN/GMQ-13C)
 4. Theodolite (ML-247)
 5. Transmissometer (AN/GMQ-10B)
 6. Radiosonde (AN/GMD-1b)
 7. Radar (AN/FPS-81)
 8. Weather vision (AN/GMQ-19V)
 9. Semi-auto met station (GMQ 14B)
 10. RVR (GMQ 10h)
 11. Surface Condition Analyzer (SCAN)

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET 1tr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).
2. All available data will be used for extreme values.
3. Summarize (update) every five years.
 - a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
 - b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
 - c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
 - d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $5/8$ mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

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JAN
MONTH

73-77
YEARS

KEFLAVIK, ICELAND
STATION NAME

16201
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00		9.8		10.5		19.6	2.6		5.9		9.2	153
	03		14.9		14.9		26.6	1.9		5.8		8.4	154
	06		13.0		13.0		23.4	3.2		5.2		8.4	154
	09	.6	11.7		14.3		23.4	2.6		5.8		8.4	154
	12		13.6		16.9		27.9	4.5		7.1		11.7	154
	15		14.9		9.7		24.0	3.9		5.8		9.7	154
	18		18.7		12.9		28.4	5.8		5.8		11.6	155
	21		16.1		11.6		25.2	5.2		5.2		10.3	155
TOTALS		.1	14.1		13.0		24.8	3.7		5.8		9.7	1233

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

16201

STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00		15.6		9.9		23.4	4.3	.7	4.3		9.2	141
	03		17.0		16.3		32.6	2.1		5.0		7.1	141
	06		19.9		9.2		27.7	2.1		2.8		5.0	141
	09		14.9		12.8		24.8	2.8		5.0		7.8	141
	12		17.7		9.9		26.2	5.0	1.4	4.3		10.6	141
	15		14.9		15.6		28.4	5.7	.7	3.5		9.9	141
	18	.7	12.1		9.2		19.1	3.5	.7	5.0		9.2	141
	21		16.3		11.3		25.5	3.5	1.4	3.5		8.5	141
TOTALS		.1	16.1		11.8		26.0	3.6	.6	4.2		8.4	1126

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

16201
STATIONKEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00		22.6		12.9		32.3	11.0		1.9		12.9	155
	03		19.4		10.3		28.4	7.1		1.3		8.4	155
	06		21.3		9.7		29.7	6.5		4.5		11.0	155
	09		18.1		7.7		25.8	3.9		4.5		8.4	155
	12		19.4		8.4		26.5	6.5		3.2		9.7	155
	15		21.3		5.8		25.8	8.4	.6	.6		9.7	155
	18		23.2		8.4		29.7	8.4	.6	1.9		11.0	155
	21		18.7		7.7		25.2	11.0		4.5		15.5	155
TOTALS			20.5		8.9		27.9	7.9	.2	2.8		10.8	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

16201 STATION KEFLAVIK, ICELAND 73-77 YEARS MONTH APR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBS TO VISION	TOTAL NO. OF OBS.
APR	00		25.3		7.3		32.0	19.3		1.3		20.7	150
	03		22.0		3.3		24.7	19.3		.7		20.0	150
	06		21.3		4.7		25.3	20.7		1.3		22.0	150
	09		19.3		6.0		25.3	20.7		.7		21.3	150
	12		19.3		5.3		23.3	20.7	3.3	1.3		24.7	150
	15		20.0		3.3		22.0	20.0	3.3	.7		24.0	150
	18		16.0		6.7		20.7	15.3	3.3	.7		18.7	150
	21		19.3		6.7		24.7	23.3	.7	.7		24.7	150
TOTALS			20.3		5.4		24.8	19.9	1.3	.9		22.0	1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

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MAY
MONTH

YEARS

73-77

STATION NAME

KEFLAVIK, ICELAND

16201
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00		16.8		.6		17.4	9.0	.6			9.7	155
	03		18.1				18.1	3.9	1.3			5.2	155
	06		17.4		.6		18.1	7.7				7.7	155
	09		16.1		3.2		19.4	5.8	1.3			7.1	155
	12		16.8		3.2		19.4	6.5	.6	.6		7.7	155
	15		17.4		1.3		17.4	5.2				5.2	155
	18		20.6		.6		20.6	6.5	.6			7.1	155
	21		18.7		.6		19.4	6.5	1.9			8.4	155
TOTALS			17.7		1.3		18.7	6.4	.8	.1		7.3	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

16201 STATION KEFLAVIK, ICELAND 73-77 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00		24.0				24.0	8.7				8.7	150
	03		22.7				22.7	10.0				10.0	150
	06		29.3		.7		30.0	10.7	.7			11.3	150
	09		20.0				20.0	9.3	.7			10.0	150
	12		25.3				25.3	6.7	.7			7.3	150
	15		18.0				18.0	6.7	1.3			7.3	150
	18		19.3				19.3	4.7				4.7	150
	21	.7	19.3		.7		20.0	5.3	.7			6.0	150
TOTALS		.1	22.2		.2		22.4	7.8	.5			8.2	1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

16201 STATION KEFLAVIK, ICELAND 73-77 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00		23.9				23.9	19.4				19.4	155
	03	.6	26.5				26.5	19.4				19.4	155
	06		29.7				29.7	16.1	.6			16.8	155
	09	.6	25.2				25.2	15.5				15.5	155
	12		23.2				23.2	11.6				11.6	155
	15		20.6				20.6	11.0	.6			11.6	155
	18	.6	21.9				21.9	11.0				11.0	155
	21		24.5				24.5	16.1				16.1	155
TOTALS		.2	24.4				24.4	15.0	.2			15.2	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

16201 STATION KEFLAVIK, ICELAND 73-77 YEARS MONTH AUG

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00		32.9				32.9	12.9	1.3			14.2	155
	03		36.8		.6		37.4	12.3	1.9			14.2	155
	06		29.7				29.7	12.9	1.3			14.2	155
	09		29.7				29.7	12.3	1.3			13.5	155
	12		27.1				27.1	9.0				9.0	155
	15		28.4				28.4	10.3	.6			11.0	155
	18		27.7				27.7	12.9	1.3			14.2	155
	21		32.9				32.9	12.9	1.3			14.2	155
TOTALS			30.7		.1		30.7	11.9	1.1			13.1	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

16201 STATION KEFLAVIK, ICELAND 73-77 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00		21.3				21.3	15.3	.7			16.0	150
	03		28.0				28.0	15.3	1.3			16.7	150
	06		24.0				24.0	15.3	1.3			16.7	150
	09		22.0		1.3		22.7	17.3	3.3			19.3	150
	12		19.3				19.3	14.7	3.3			16.0	150
	15		20.0				20.0	12.0	2.0			13.3	150
	18		22.0				22.0	15.3	2.7			16.7	150
	21		22.0				22.0	18.7	.7			19.3	150
TOTALS			22.3		.2		22.4	15.5	1.9			16.8	1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

16201
STATIONKEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

OCT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00		37.4		1.3		38.1	9.0		.6		9.7	155
	03		27.7		1.9		28.4	7.1		.6		7.7	155
	06		21.9		1.3		23.2	5.2				5.2	155
	09		24.5		.6		25.2	7.7				7.7	155
	12		25.2		1.9		27.1	5.2				5.2	155
	15		30.3		1.3		31.6	6.5				6.5	155
	18		30.3		.6		31.0	9.0				9.0	155
	21		28.4				28.4	7.7				7.7	155
TOTALS			28.2		1.1		29.1	7.2		.2		7.3	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

16201 STATION KEFLAVIK, ICELAND 73-77 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00		20.0		4.0		22.7	6.0				6.0	150
	03		16.7		7.3		22.7	3.3				3.3	150
	06		15.3	.7	7.3		21.3	4.7				4.7	150
	09		18.0		6.0		23.3	5.3				5.3	150
	12		19.3		6.7		24.0	5.3	.7	1.3		6.7	150
	15		20.0		6.7		24.7	6.0				6.0	150
	18		17.3		8.0		22.7	4.0				4.0	150
	21		20.0		3.3		23.3	4.7	.7	.7		6.0	150
TOTALS			18.3	.1	6.2		23.1	4.9	.2	.3		5.3	1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

16201
STATIONKEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

DEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00		12.9		16.1		27.7	5.2		3.9		9.0	155
	03		15.5		19.4		32.9	5.8		4.5		10.3	155
	06		14.2		17.4		29.7	5.2		5.2		10.3	155
	09		14.8		12.9		26.5	5.2		5.2		10.3	155
	12		18.1		11.6		26.5	7.7	1.3	4.5		13.5	155
	15		17.4		11.6		27.1	9.0	1.3	5.8		16.1	155
	18		17.4		11.6		27.7	6.5		4.5		11.0	155
	21		14.2	1.3	14.8		29.0	5.2		3.9		9.0	155
TOTALS			15.6	.2	14.4		28.4	6.2	.3	4.7		11.2	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 68

16201

STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

ALL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	14.1		13.0		24.8	3.7		5.8		9.7	1233
FEB		.1	16.1		11.8		26.0	3.6	.6	4.2		8.4	1128
MAR			20.5		8.9		27.9	7.9	.2	2.8		10.8	1240
APR			20.3		5.4		24.8	19.9	1.3	.9		22.0	1200
MAY			17.7		1.3		18.7	6.4	.8	.1		7.3	1240
JUN		.1	22.2		.2		22.4	7.8	.5			8.2	1200
JUL		.2	24.4				24.4	15.0	.2			15.2	1240
AUG			30.7		.1		30.7	11.9	1.1			13.1	1240
SEP			22.3		.2		22.4	15.5	1.9			16.8	1200
OCT			28.2		1.1		29.1	7.2		.2		7.3	1240
NOV			18.3	.1	6.2		23.1	4.9	.2	.3		5.3	1200
DEC			15.6	.2	14.4		28.4	6.2	.3	4.7		11.2	1240
TOTALS		.0	20.9	.0	5.2		25.2	9.2	.6	1.6		11.3	14601

WEATHER CONDITIONS ATMOSPHERIC PHENOMENA

5761 WEATHER CONDITIONS JAN 1978

ALL MONTH

49-77

YEARS

KEFLAVIK, ICELAND

STATION NAME

16201

STATION

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.6	51.7	.9	55.4	4.4	79.6	20.4	1.2	18.2		37.5	809
FEB		.8	54.5	.3	55.4	3.7	79.7	23.4	2.4	14.4		37.5	738
MAR			58.1	.9	50.9	4.8	81.2	24.8	4.1	12.5	.2	38.2	809
APR		.3	66.0	.4	36.7	2.6	81.1	31.9	4.9	5.2	.1	38.1	783
MAY			68.5		10.9	1.6	71.0	27.6	7.5	.2	.1	31.8	809
JUN		.1	73.1		1.3	.3	73.2	33.7	3.8			35.2	783
JUL		.4	66.5		.1		66.5	39.4	2.1			40.4	809
AUG		.5	71.0		.1		71.0	35.7	2.0			36.6	809
SEP			78.3		5.0	2.6	79.7	34.5	3.7	.1		35.7	812
OCT		.2	78.8		21.2	4.5	84.1	30.5	1.7	.5		31.6	839
NOV		.2	60.3	.6	43.1	3.1	79.2	25.2	1.5	7.4		32.5	812
DEC		1.1	53.9	1.5	60.7	5.0	82.2	21.0	2.0	16.4		36.6	839
TOTALS		.4	65.1	.4	28.4	2.7	77.4	29.0	3.1	6.2	.0	36.0	9651

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

16201 KEFLAVIK, ICELAND STATION NAME JAN 73 - DEC 77 YEARS MONTH JANUARY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREZZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N						9.0				1.0		8.0		85.0
NNE	1.6					5.1						6.2		87.6
NE		1.1				5.3						2.1		93.6
ENE	4.1	2.4				10.6						4.1		82.9
E	12.1	6.8				15.9						7.6		65.2
ESE	20.8	5.2	1.3			18.2			2.6			3.9		61.0
SE	17.6	6.8	16.2			8.1			16.2	1.4		2.7		52.7
SSE	23.7	6.8	8.5			13.6			10.2	1.7				50.8
S	20.6	5.2	12.5		1.0	11.5			14.6	2.1				55.2
SSW	16.7	6.7	18.3			11.7		1.7	8.3			1.7		60.0
SW	5.0	5.6	5.6			11.1			1.9			1.9		74.1
WSW	1.4	2.9	1.4			24.6			1.4			13.0		62.3
W	3.1	7.8				10.3						28.1		57.8
WNW			4.0			20.0						4.0		76.0
NW	16.7					41.7						16.7		41.7
NNW	6.3					25.0								75.0
VARIABLE														
CALM														
TOTAL	104	46	46		1	159		1	41	5		72		877
% TOTAL	8.4	3.7	3.7		.1	12.9		.1	3.3	.4		5.8		71.1

TOTAL NUMBER OF OBSERVATIONS

1,233

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

16201 STATION KEFLAVIK, ICELAND JAN 73 - DEC 77 YEARS MONTH FEBRUARY ALL HOURS (U.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N						16.0						2.0		82.0
NNE	1.3					7.9						2.6		88.2
NE	4.3					5.7						1.4		91.5
ENE	7.8	.9	1.7			6.9			1.7			.9		82.8
E	13.3	7.6	1.0			14.3			1.0					68.6
ESE	16.1	6.3	4.8			9.7			1.6					71.0
SE	30.0	1.1	15.6			8.9			7.8	1.1	5.6			46.7
SSE	26.4	2.6	11.1			6.9			11.1	1.4	1.4			50.0
S	21.3	6.2	14.6			10.8			10.0	1.5	.8			53.1
SSW	6.5	1.6	4.8			16.1		1.6	3.2			4.8		66.1
SW	3.9	5.2	2.6			20.8			1.3			20.8		59.7
WSW	1.8	1.8	3.6			14.3						21.4		66.1
W	2.2	2.2	2.2			19.6						8.7		71.7
WNW						26.7						40.0		46.7
NW						50.0								50.0
NNW						16.7								63.3
VARIABLE														
CALM						33.3			16.7	16.7				50.0
TOTAL	123	31	56			133		1	36	5	7	47		781
% TOTAL	10.9	2.7	5.0			11.8		.1	3.2	.4	.6	4.2		69.2

TOTAL NUMBER OF OBSERVATIONS 1,128

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION 16201 KEFLAVIK, ICELAND JAN 73 - DEC 77 MONTH MARCH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.0	1.5	3.0			21.2			3.0			1.5		71.2
NNE	4.5		1.8			9.8						1.8		84.8
NE	10.2	1.7	5.1			5.1			1.7			1.7		79.7
ENE	8.3		1.7			8.3						3.3		81.7
E	14.6		8.6			7.4			2.5			1.2		74.1
ESE	30.5	4.8	16.2			5.7			2.9					52.4
SE	23.6	3.8	11.3			6.6			10.4	.9				60.4
SSE	23.6	4.3	12.1			2.1			17.1	1.4				56.4
S	21.1	5.4	13.6			4.1			10.2	1.4		1.4		61.2
SSW	9.4	4.7	12.5			4.7			15.6					62.5
SW	4.0	2.0	4.0			15.0			12.0			10.0		62.0
WSW	2.0	2.0	4.0			10.0			4.0	2.0		10.0		74.0
W	5.8	9.6	11.5			21.2			7.7	1.9		3.8		51.9
WNW	7.1		3.6			21.4			3.6			17.9		60.7
NW	3.8					19.2			7.7			15.4		65.4
NNW	9.7		3.2			9.7			3.2					80.6
VARIABLE														
CALM						7.7								92.3
TOTAL	171	36	103			110			90	7	2	35		823
% TOTAL	15.8	2.9	8.3			8.9			7.3	.6	.2	2.8		66.4

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

JAN 73 - DEC 77
YEARS

APRIL
MONTH

ALL
HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.8					8.2						3.3		91.0
NNE	3.9		1.0			2.9			2.9			2.9		90.3
NE	11.9	4.8	2.4			14.3								76.2
ENE	22.6		6.5			16.1			3.2					58.1
E	13.3	5.0	3.3			11.7			3.3					70.0
ESE	21.4	4.8	16.7			14.3			2.4			7.1		52.4
SE	11.1	.9	15.7			6.5			28.7					52.8
SSE	21.2	4.3	13.6			2.3			30.3					44.7
S	14.8	7.4	17.6			6.5			35.2	.9	6.8			40.7
SSW	24.1	3.6	19.3			2.4			42.2	1.2	3.6			38.6
SW	6.7	5.6	12.2			3.3			30.0	1.4	2.2			56.7
WSW	8.6	4.3	15.7			2.9			28.6		1.4			57.1
W	1.2	3.5	11.6			3.5			24.4			2.4		65.1
WNW	4.9		12.2						17.1					70.7
NW	6.1		8.2						12.2					79.6
NNW						3.7			11.1					85.2
VARIABLE														
CALM									16.7					83.3
TOTAL	128	36	124			65			236	3	16	11		753
% TOTAL	10.7	3.0	10.3			5.4			19.7	.3	1.3	.9		62.8

TOTAL NUMBER OF OBSERVATIONS 1,200

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

16201 STATION NAME KEFLAVIK, ICELAND JAN 73 - DEC 77 YEARS MONTH MAY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.3					2.0			1.3		.7			94.6
NNE	2.9	1.5	.7			2.9			1.5					92.7
NE	11.5	1.6	1.6			1.6			1.6					85.2
ENE	16.7	4.2	2.1			2.1						2.1		75.0
E	12.7	6.3	7.9			3.2					1.6			71.4
ESE	17.9	11.9	9.0						6.0		1.5			61.2
SE	33.6	2.5	19.3			.8			20.2	3.4	.8			44.5
SSE	17.1	1.6	13.0			.8			14.6		1.6			65.0
S	7.0	6.3	6.3			1.4			10.5	.7	2.8			71.3
SSW	6.9	9.1	2.3						6.8					79.5
SW		12.2	4.9			2.4			2.4					80.5
WSW	8.7	2.2	8.7						2.2					84.8
W	5.1	5.4	5.4						5.4					78.4
WNW	2.8	2.8												94.4
NW	4.3		2.1						2.1					93.6
NNW	2.1	2.1												95.7
VARIABLE														
CALM	1.1	4.3	3.1											90.6
TOTAL	127	47	73			16			74	5	10	1		965
% TOTAL	10.2	3.8	5.9			1.3			6.0	.4	.8	.1		77.8

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

16201 KEFLAVIK, ICELAND JAN 73 - DEC 77 JUNE ALL
STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.7	1.3	1.3			1.3								94.0
NNE	6.5		1.9											93.5
NE	11.5	3.3	1.6											85.2
ENE	37.5	3.1	9.4						3.1					56.3
E	25.0	9.6	3.8											63.5
ESE	23.8	6.3	9.5						6.3	1.6				63.5
SE	25.0	8.6	23.3					.9	17.2	1.7	1.7			52.6
SSE	20.9	2.2	18.7						25.3		1.1			57.1
S	18.8	4.3	28.2						16.2		.9			59.8
SSW	2.7	9.5	5.4						2.7					83.8
SW	6.3	6.3	7.9						7.9		1.6			79.4
WSW	11.3	3.8	15.1						3.8					75.5
W	9.3	4.0	8.0						4.0					78.7
WNW	7.7	3.8	7.7						9.6	1.9	1.9			71.2
NW	8.1								5.4					86.5
NNW	7.5								5.0					87.5
VARIABLE														
CALM	11.1	5.6							5.6					77.8
TOTAL	159	50	121			2		1	89	4	6			895
% TOTAL	13.3	4.2	10.1			.2		.1	7.4	.3	.5			74.6

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

16201 KEFLAVIK, ICELAND STATION NAME JAN 73 - DEC 77 YEARS MONTH JULY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	13.6		.8						3.1					84.6
NNE	18.1	1.9	1.9						2.9		1.0			79.0
NE	14.3	2.9	2.9						2.9					80.0
ENE	28.6	3.6							3.6					67.9
E	30.3	3.0	3.0					3.0	9.1					60.6
ESE	10.3	1.7	10.3						6.9					73.9
SE	21.3	4.5	29.2						30.3					52.8
SSE	17.9	5.7	25.5						20.8					58.5
S	11.4	2.3	34.8					.8	32.6		.8			51.5
SSW	15.7	2.8	25.9						30.6					54.6
SW	8.7	4.3	12.0						21.7					68.5
WSW	4.5		20.9						19.4					71.6
W	4.5		12.1					1.5	9.1					80.3
WNW	1.3		4.0						6.7					89.3
NW	3.7	1.9	3.7											90.7
NNW	2.9	2.9												94.3
VARIABLE														
CALM									3.7					96.3
TOTAL	154	28	176					3	186		2			879
% TOTAL	12.4	2.3	14.2					.2	15.0		.2			70.9

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

JAN 73 - DEC 77
YEARS

AUGUST
MONTH

ALL
HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.8	4.7	1.9						.9					91.6
NNE	13.8		5.0						3.8					83.8
NE	26.5	2.0	4.1						4.1					69.4
ENE	28.3	3.8	9.4						5.7		3.8			56.6
E	27.1	3.5	10.6						4.7		8.2			52.9
ESE	26.1	7.6	20.7						10.9		4.3			48.9
SE	25.5	2.0	30.4						24.5					51.0
SSE	34.7	5.0	34.7						28.1					46.3
S	20.6	3.0	30.9						29.0					52.7
SSW	16.3	4.7	26.7						16.3					59.3
SW	8.7	4.3	17.4						10.9					71.7
WSW	2.5	5.0	10.0						5.0					82.5
W	5.1	3.4	13.6			1.7			8.5		1.7			78.0
WNW	4.0		8.0						2.0					88.0
NW		2.6												97.4
NNW	9.1													90.9
VARIABLE														
CALM	11.8		2.9						2.9					82.6
TOTAL	222	42	213			1			148		14			816
% TOTAL	17.9	3.4	17.2			.1			11.9		1.1			65.8

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

16201 KEF LAVIK, ICELAND STATION NAME JAN 73 - DEC 77 YEARS SEPTEMBER MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET - SHOWERS ICE CRYSTALS	SNOW - GRAINS - PELLETS - SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.4	.6							1.2					95.8
NNE	7.4	2.5	2.5			.8			3.3		.8			86.0
NE	7.4	3.7	3.7						5.6		1.9			83.3
ENE	22.4	2.0	8.2						4.1		1.3			71.4
E	26.9	5.3	6.6						3.9		2.7			59.2
ESE	27.0	2.7	18.9						21.6		1.8			52.7
SE	30.3	.9	12.8						22.0					51.4
SSE	23.7	2.2	17.2						33.3		.8			46.2
S	15.0	4.7	22.8			.8			34.6	.8				52.0
SSW	22.4	6.1	22.4						32.7		2.0			44.9
SW	4.3		15.2						21.7		6.5			71.7
WSW	9.4	5.7	17.0						18.9		5.7			64.2
W	3.5	3.5	8.8						15.8		5.3			70.2
WNW	2.9	8.8							2.9					85.3
NW		4.3							17.4					78.3
NNW	2.1								8.5					91.5
VARIABLE														
CALM	4.3	8.7							8.7		4.3			78.3
TOTAL	167	36	119			2			185	1	19			828
% TOTAL	13.9	3.0	9.9			.2			15.4	.1	1.6			69.0

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

16201 STATION KEFLAVIK, ICELAND JAN 73 - DEC 77 MONTH OCTOBER ALL HOURS (LOCAL)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	10.1		4.2			1.7			.8					86.6
NNE	14.9		3.0						1.0					63.2
NE	12.3	4.1	1.4											83.6
ENE	16.5	6.6	4.4						2.2					72.5
E	16.2	6.2	3.8			2.3			3.1					72.3
ESE	23.2	10.1	18.2						11.1					50.5
SE	22.7	5.9	14.3						14.3					58.0
SSE	31.5	2.2	30.3						15.7					48.3
S	13.8	11.5	17.7			.8			12.3					58.5
SSW	13.7	9.8	17.6						11.8					64.7
SW	16.7	14.3	16.7		2.4				9.5					57.1
WSW	12.2	6.1	14.3			2.0			10.2					65.3
W	9.8	4.9	2.4			2.4			7.3			4.9		75.6
WNW	11.5	7.7	7.7						7.7					73.1
NW	4.0								4.0					92.0
NNW	9.7					14.1								74.2
VARIABLE														
CALM	8.1		12.5						8.1					79.2
TOTAL	202	69	132		1	13			89			2		850
% TOTAL	16.3	5.6	10.6		.1	1.0			7.2			.2		66.5

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

16201 KEFLAVIK, ICELAND JAN 73 - DEC 77 NOVEMBER ALL
STATION NAME MONTH YEAR HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.5		.5			5.4			.5			1.1		93.0
NNE	1.2	1.2				4.2						.6		93.4
NE	12.0		1.3			2.7								86.7
ENE	3.8	1.9				3.8								90.6
E	6.5	2.6	2.6			7.8			1.3	1.3				80.5
ESE	16.7	6.1	12.1			6.1			1.5					65.2
SE	23.9	2.6	16.2	.9		9.4			5.1		.9			58.1
SSE	26.3	6.1	13.1			5.1			19.2					52.5
S	17.3	8.2	17.3			6.4			19.1		.9			60.0
SSW	14.6	17.1	9.8			7.3			4.9					61.0
SW	8.5	15.3	8.5			1.7			6.8					67.8
WSW	14.9	6.4	8.5		2.1	6.4			6.4					63.8
W	12.5	8.3				8.3								75.0
WNW		6.3				6.3								87.5
NW	6.7	6.7				13.3								86.7
NNW	8.1		2.7			18.9								73.0
VARIABLE														
CALM		8.3												91.7
TOTAL	128	51	77	1	1	73			58	1	2	3		910
% TOTAL	10.7	4.3	6.4	.1	.1	6.1			4.8	.1	.2	.3		75.8

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

16201 STATION KEFLAVIK, ICELAND STATION NAME JAN 73 - DEC 77 MONTH DECEMBER ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.7	.9				9.5			.9			2.6		87.9
NNE	.6		1.7			5.8			1.2			2.3		90.7
NE	1.2		1.2			23.2			1.2			12.2		74.4
ENE	3.0	1.5	1.5			15.2			1.5			7.6		80.3
E	6.7		3.8			16.2			4.8			1.9		73.3
ESE	15.3	5.1	15.3			15.3			16.3		2.0	4.1		52.0
SE	22.8	1.3	19.0	1.3		22.8			17.7			6.3		44.3
SSE	25.9	3.4	22.4	1.7		13.8			13.8			1.7		51.7
S	21.6	7.8	13.7			13.7			9.8					52.9
SSW	14.3	2.9	22.9			8.6			14.3		2.9	2.9		51.4
SW	10.3	6.9	25.9			5.2			15.5		1.7	1.7		56.9
WSW	8.3	9.3	13.9			20.4			6.3			5.6		51.9
W	1.0	13.6	1.9			11.7			1.0			6.8		68.9
WNW	2.8	2.8	5.6			30.6			5.6			11.1		58.3
NW	3.6					14.3						14.3		71.4
NNW						20.8						4.2		79.2
VARIABLE														
CALM						19.0								11.0
TOTAL	93	44	101	2		179			77		4	58		847
% TOTAL	7.7	3.5	8.1	.2		14.4			6.2		.3	4.7		68.3

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

16201 KEFLAVIK, ICELAND STATION NAME JAN, 73 - DEC 77 YEARS ALL MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.4	.7	.9			4.7			1.0	.1	.1	1.3		89.7
NNE	5.5	.6	1.5			3.8			1.2		.1	1.5		88.3
NE	8.7	1.7	1.8			5.3			1.1		.1	1.8		84.0
ENE	13.2	2.5	3.1			5.9			1.7		.3	1.9		76.0
E	15.9	4.7	4.3			7.7		.1	2.5	.1	.9	1.3		68.2
ESE	21.4	6.2	13.3			5.6		.1	8.1	.1	1.0	1.1		57.7
SE	24.2	3.4	18.5	.2		4.7		.1	17.6	.7	1.0	.6		52.4
SSE	24.2	3.9	18.5	.1		2.8		.1	20.9	.3	1.2	.1		52.6
S	16.7	5.9	19.7		.1	3.8		.1	19.3	.6	.7	.1		56.2
SSW	14.0	5.9	16.6			3.7		.3	17.6	.1	.7	.7		60.0
SW	6.8	6.3	10.4		.1	5.9			12.9		.9	3.6		66.1
WSW	7.1	4.4	11.4		.1	8.2			9.3	.3	.5	4.5		66.2
W	4.6	5.8	6.9			7.2		.1	7.6	.1	.6	4.6		70.4
WNW	3.9	2.3	5.1			6.2			5.5	.2	.2	3.9		77.6
NW	4.4	1.1	2.2			5.3			4.4			2.8		83.3
NNW	4.9	.5	.5			7.3			2.6			.3		85.5
VARIABLE														
CALM														
TOTAL	1760	516	1341	3	3	753		6	1309	31	82	229		10224
% TOTAL	12.2	3.5	9.2	.0	.0	5.2		.0	9.0	.2	.6	1.6		70.0

TOTAL NUMBER OF OBSERVATIONS 14,601

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

16201 STATION KEFLAVIK, ICELAND 51-77 YEARS

5722 Daily Amounts Jan. 1969

PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	26-.50	AMOUNTS (INCHES)										PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
								.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN	GREATEST	LEAST						
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4									
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120									
JAN	20.9	17.0	2.6	12.6	9.8	16.4	13.2	7.1	.4					62.1	775	4.32	9.17	.91				
FEB	20.4	17.8	3.9	12.0	9.7	14.6	14.1	6.1	1.4					61.8	735	4.12	12.36	.71				
MAR	18.9	19.2	4.1	10.5	9.3	18.0	13.2	5.7	1.0	.1				61.9	806	4.46	9.91	.39				
APR	18.8	16.8	3.5	15.1	11.3	18.7	9.9	5.1	.8					64.4	780	3.66	6.00	1.62				
MAY	29.0	16.5	4.2	12.0	9.2	14.5	8.8	3.2	.5					52.5	806	2.96	8.17	.37				
JUN	26.8	16.0	5.5	12.1	11.4	15.5	9.0	3.3	.4					57.2	780	3.00	6.16	.52				
JUL	33.5	16.6	4.0	12.3	9.1	14.3	7.3	2.6	.4					49.9	806	2.56	5.17	.69				
AUG	28.0	16.8	5.0	14.2	7.7	11.5	10.8	4.4	1.4	.1				55.2	775	3.76	7.56	.37				
SEP	20.4	14.6	4.9	14.8	9.0	17.0	11.1	6.4	1.7					65.1	810	4.45	10.05	.86				
OCT	15.9	12.4	3.1	12.5	9.8	20.9	15.8	8.4	1.2					71.7	837	5.46	9.01	1.80				
NOV	20.9	16.9	3.0	11.4	9.5	15.6	14.1	7.3	1.5					62.2	810	4.75	12.26	1.53				
DEC	17.8	15.4	3.6	9.4	11.7	19.0	13.9	8.0	1.2					66.8	837	5.07	9.57	.71				
ANNUAL	22.6	16.5	3.9	12.4	9.8	16.3	11.8	5.6	1.0	.0				60.9	9557	48.57						

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

16201 STATION KEFLAVIK, ICELAND STATION NAME 51-77 YEARS

5722 Daily Amounts Jan. 1969

PRECIP.	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
																MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	45.3	24.3	9.0	10.7	4.6	3.0	1.2	1.2	.6	.1				30.5	775	14.4	66.6	.6
FEB	44.4	25.7	10.3	10.7	3.1	2.4	1.5	.4	1.1	.3				29.9	735	12.5	50.9	.1
MAR	49.1	24.6	8.2	8.6	3.8	2.2	1.6	1.4	.1	.2	.1			26.3	806	13.5	50.3	TRACE
APR	63.1	19.2	7.3	5.8	2.1	.8	.3	1.0	.4	.1				17.7	780	7.2	24.8	.2
MAY	89.1	9.4	.5	.6	.4									1.5	806	.5	6.2	.0
JUN	98.6	1.4													780	TRACE	TRACE	.0
JUL	99.9	.1													806	TRACE	TRACE	.0
AUG	99.9	.1													806	TRACE	TRACE	.0
SEP	95.2	4.2	.4	.2										.6	810	.1	1.9	.0
OCT	78.3	15.8	2.4	2.5	.6	.2	.1	.1						6.0	837	1.6	11.8	.0
NOV	57.3	22.2	6.7	7.7	2.8	1.6	1.0	.5		.2				20.5	810	8.4	29.2	TRACE
DEC	38.9	24.0	8.6	12.9	7.2	3.7	1.9	2.2	.6					37.0	837	19.1	51.3	TRACE
ANNUAL	71.6	14.2	4.4	5.0	2.1	1.2	.6	.6	.2	.1	.0			14.2	9588	77.3		

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

16201 STATION KEFLAVIK, ICELAND 51-77 YEARS

5722 Daily Amounts Jan 1969

AMOUNTS (INCHES)															TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	PERCENT OF DAYS WITH MEASUR- ABLE AMTS		MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	36.2	19.6	12.3	6.1	4.8	11.5	7.6	1.9						44.2	806			
FEB	36.0	25.3	14.1	5.0	4.2	6.3	5.2	1.9						36.7	735			
MAR	55.3	15.0	8.9	7.2	3.6	6.0	2.7	1.0		.2				29.7	806			
APR	76.5	12.7	3.2	2.9	1.8	1.5	1.3							10.8	780			
MAY	98.3	1.4	.2		.1									.4	806			
JUN	100.0														780			
JUL	100.0														806			
AUG	100.0														806			
SEP	99.5	.2	.2											.2	810			
OCT	93.2	4.4	1.4	.5	.4	.1								2.4	837			
NOV	60.1	19.8	8.6	3.1	4.4	3.1	.6	.2						20.1	810			
DEC	31.1	24.4	11.7	6.7	7.2	10.2	8.2	.6						44.6	837			
ANNUAL	74.0	10.2	5.0	2.6	2.2	3.2	2.1	.5		.0				15.8	9619			

EXTREME VALUES

PRECIPITATION (FROM DAILY OBSERVATIONS)

49-77

KEFLAVIK, ICELAND

16201

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
49													
50													
51	1.42	.59	.40	.43	.62	.27	.58	.43	.54	.58	.50	.66	
52									.75	1.36	1.06	.17	1.42
53		1.09	.70	.36	.62	.39	.46	.53	1.01	.87	.54	.84	
54	.72	1.09	.58	.73	.42	.43	.50	1.13	.38	.56	.96	.46	1.13
55	.69	.35	.43	.76	.87	.71	.54	.64	.68	.85	1.02	2.50	2.50
56	.76	1.25	.52	.49	.37	.67	.54	.20	1.56	.79	1.06	.78	1.56
57	.95	.30	.64	.30	1.12	.60	.74	.61	.80	.97	1.50	.97	1.50
58	.99	.43	.20	.91	.12	.31	.21		.67	.83	1.39	.53	
59	.80	1.31	2.69	.58	.59	.77	.53	1.04	2.18	.91	.59	.55	2.69
60	.57	1.45	1.11	1.10	.47	1.69	1.01	.40	1.16	.45	.92	1.45	1.69
61	1.09	.82	.88	.47	.56	.49	.33	1.19	1.31	.57	.62	.40	1.31
62	.53	1.08	.25	.81	.72	1.00	.64	.66	1.31	1.25	1.08	.91	1.31
63	.61	.90	.64	1.09	1.20	.60	.60	.28	1.19	.61	.78	.73	1.20
64	.74	.59	1.10	.24	.48	1.37	.58	1.14	.39	.95	.65	1.53	1.33
65	.75	.52	.50	1.25	.33	.41	.35	.43	.76	1.30	.65	.59	1.30
66	.63	.34	.53	.75	.65	.64	.59	3.39	.69	1.17	1.39	.75	3.39
67	.80	1.02	1.24	.53	.89	.50	.67	1.07	.69	.57	1.21	1.21	1.24
68	.71	.75	.62	1.23	.93	.46	.36	1.27	.63	.65	.75	1.20	1.27
69	.25	.96	1.81	.64	.57	.71	.53	1.01	.84	.82	.68	1.07	1.81
70	.60	.70	.29	1.04	1.62	.77	.65	.89	1.51	1.23	.85	.99	1.62
71	.40	.70	.76	.53	.48	.17	1.11	.39	.66	1.35	.81	.81	1.35
72	.79	.82	1.70	.94	.61	.71	.77	1.31	.67	1.23	.62	.74	1.70
73	.53	.82	.52	.36	.52	.59	.50	.78	1.23	1.07	1.88	.64	1.88
74	1.01	.84	1.69	1.19	.60	.58	.54	.70	.86	1.39	1.26	.80	1.69
75	.80	.75	.86	.29	.65	.75	.65	.84	1.56	.53	1.19	.93	1.56
76	.76	.75	.67	.62	.71	.67	.34	1.51	.60	.61	.91	1.76	1.76
77	.54	.50	.63	.80	.55	1.09	1.11	1.70	.75	.49	.46	.73	1.70
MEAN	.74	.80	.87	.71	.68	.67	.59	.94	.95	.89	.94	.91	1.08
S. D.	.236	.303	.564	.310	.307	.330	.221	.644	.431	.308	.347	.473	.517
TOTAL OBS.	775	735	806	780	806	780	806	775	810	837	810	837	9557

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

16201

KEFLAVIK, ICELAND

STATION

STATION NAME

49-77

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
49													
50													
51	11.8	1.7	2.8	2.8	TRACE	TRACE	.0	.0	TRACE	.0	1.0	2.1	6.6
52		1.4	6.1	2.4	TRACE	.0	.0	.0	TRACE	1.8	.7	TRACE	11.8
53	2.0	3.0	.9	.6	TRACE	.0	.0	.0	TRACE	1.8	2.2	5.5	
54	2.6	1.5	2.5	.3	TRACE	.0	.0	.0	TRACE	1.6	3.0	3.7	3.7
55	3.2	1.8	2.4	.2	TRACE	TRACE	.0	.0	TRACE	TRACE	3.1	4.3	4.3
56	2.1	1.0	2.0	.9	TRACE	.0	.0	.0	TRACE	1.7	4.0	3.0	4.0
57	4.3	1.2	3.0	2.0	.2	.0	.0	.0	TRACE	4.0	2.6	2.9	4.0
58	1.5	11.5	25.0	4.5	TRACE	TRACE	.0	.0	TRACE	.6	3.4	3.1	4.3
59	5.7	.6	11.1	1.6	TRACE	.0	.0	.0	TRACE	.5	3.5	3.7	25.0
60	2.2	7.3	6.3	4.3	TRACE	.0	.0	.0	TRACE	TRACE	TRACE	8.8	11.1
61	5.3	10.8	TRACE	8.1	TRACE	.0	.0	.0	TRACE	5.0	10.8	7.7	7.3
62	6.1	3.6	1.5	9.0	2.2	.0	.0	.0	TRACE	.3	3.0	4.0	9.0
63	2.1	3.3	1.0	2.4	TRACE	.0	.0	.0	TRACE	.9	3.0	4.2	4.2
64	6.9	.7	5.0	12.5	.0	.0	.0	.0	TRACE	.2	4.2	2.1	12.5
65	1.8	3.4	2.0	7.2	2.4	.0	.0	.0	TRACE	TRACE	5.0	5.8	7.2
66	.5	9.3	12.4	1.4	TRACE	.0	.0	.0	TRACE	1.2	12.1	5.8	12.4
67	3.3	6.3	6.0	2.4	TRACE	.0	.0	.0	TRACE	TRACE	1.6	5.0	6.3
68	2.5	.8	3.5	1.8	TRACE	.0	.0	.0	TRACE	.6	1.5	4.8	4.8
69	6.0	7.0	1.5	.4	TRACE	TRACE	.0	.0	TRACE	3.1	3.0	2.0	7.0
70	.6	.6	1.0	2.0	TRACE	.0	TRACE	.0	TRACE	TRACE	2.0	4.6	4.6
71	5.2	6.8	3.8	5.1	TRACE	TRACE	.0	TRACE	TRACE	1.1	1.1	6.3	6.8
72	1.0	4.7	1.5	2.5	.8	TRACE	.0	.0	TRACE	.6	4.0	5.7	5.7
73	3.7	1.0	4.4	.5	TRACE	.0	.0	.0	TRACE	TRACE	5.0	8.0	8.0
74	3.5	5.1	2.0	1.5	TRACE	TRACE	.0	.0	TRACE	.0	1.9	9.3	9.3
75	7.6	3.9	6.4	5.6	1.4	.0	.0	.0	TRACE	TRACE	TRACE	5.7	7.6
76	1.9	.1	TRACE	3.1	TRACE	TRACE	.0	.0	TRACE	1.0	4.2	4.7	4.7
77													
MEAN	3.74	3.78	4.39	3.27	.27	TRACE	TRACE	TRACE	.13	1.01	3.34	4.86	7.86
S. D.	2.610	3.314	5.202	3.053	.674	.000	.000	.000	.413	1.274	2.693	2.119	4.562
TOTAL OBS.	775	735	806	750	806	780	806	806	810	837	810	837	9588

SNOWFALL
FROM DAILY OBSERVATIONS

16201	STATION	KEFLAVIK, ICELAND	STATION NAME	49-77	YEARS
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24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

16201 KEFLAVIK, ICELAND

49-77

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
49													
50													
51	20	20	6	4	0	0	0	0	0	0	1	3	11
52											1	1	TRACE
53	7	2	4	3	0	0	0	0	0	0	2	8	10
54	3	3	2	1	0	0	0	0	TRACE	1	4	5	5
55	7	1	3	0	TRACE	0	0	0	0	0	2	11	11
56	7	2	2	TRACE	0	0	0	0	0	0	1	3	4
57	14	14	7	1	0	0	0	0	0	0	4	1	7
58	10	1	9	TRACE	0	0	0	0	0	TRACE	3	6	10
59	2	9	38	2	0	0	0	0	0	TRACE	6	6	38
60	7	1	12	TRACE	0	0	0	0	0	0	0	7	12
61	2	4	7	4	0	0	0	0	0	0	2	3	7
62	6	21	0	8	0	0	0	0	0	0	3	5	21
63	7	2	1	10	TRACE	0	0	0	TRACE	TRACE	4	5	10
64	2	9	1	2	0	0	0	0	0	1	4	10	10
65	8	2	12	9	0	0	0	0	0	TRACE	5	3	12
66	5	4	2	4	3	0	0	0	0	TRACE	8	8	8
67	8	11	17	1	0	0	0	0	0	1	22	23	23
68	10	6	14	8	0	0	0	0	0	0	1	1	14
69	3	2	4	TRACE	TRACE	0	0	0	1	TRACE	2	7	7
70	3	11	2	TRACE	0	0	0	0	0	1	3	2	11
71	1	1	1	2	0	0	0	0	0	0	1	11	11
72	8	7	4	3	0	0	0	0	0	1	2	8	8
73	2	5	2	4	TRACE	0	0	0	0	1	7	9	9
74	10	1	3	TRACE	0	0	0	0	0	TRACE	4	10	10
75	6	2	3	1	0	0	0	0	0	0	2	13	13
76	24	6	7	3	1	0	0	0	0	0	TRACE	6	24
77	2	TRACE	TRACE	2	TRACE	0	0	0	0	TRACE	5	8	8
MEAN	7.1	5.7	6.3	2.8	.2	.0	.0	.0	.0	.7	4.0	7.4	12.8
S. D.	5.484	5.748	7.892	2.971	.613	.000	.000	.000	.192	1.000	4.224	4.542	7.161
TOTAL OBS.	806	735	806	780	806	780	806	806	810	837	810	837	9619

SNOW DEPTH
FROM DAILY OBSERVATIONS

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

5724 DAILY AMOUNTS MAR 1978

1949-1977

16201 KEFLAVIK, ICELAND
STATION NAME

YEARS

JANUARY
MONTH

FEBRUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.80	20	1975	7.6	193	1976
2	0.76	19	1956	1.8	46	1976
3	0.72	18	1974	3.0	76	1976
4	0.83	21	1958	6.9	175	1965
5	0.79	20	1972	4.0	102	1976
6	0.54	14	1965	1.4	36	1958
7	0.75	19	1965	1.3	33	1952
8	0.40	10	1958	3.0	76	1970
9	0.46	12	1976	2.0	51	1956
10	0.95	24	1957	4.5	114	1976
11	1.09	28	1961	6.0	152	1970
12	0.84	21	1958	1.4	36	1961
13	0.58	15	1961	4.9	124	1976
14	0.64	16	1967	3.3	84	1974
15	0.80	20	1967	3.1	79	1974
16	0.44	11	1964	4.0	102	1958
17	0.64	16	1976	5.2	132	1972
18	0.74	19	1964	4.2	107	1976
19	1.42	36	1952	6.6	168	1952
20	0.58	15	1976	5.8	147	1976
21	0.70	18	1976	7.0	178	1976
22	1.01	26	1974	1.8	46	1972*
23	0.71	18	1954	1.8	46	1953
24	0.61	15	1963	6.1	155	1963
25	0.64	16	1955	3.3	84	1968
26	0.80	20	1959	3.4	86	1960
27	0.37	9	1974	3.7	94	1974
28	0.53	13	1956	2.8	71	1953
29	0.99	25	1958	2.3	58	1956
30	0.96	24	1952	7.4	188	1952
31	0.96	24	1952	11.8	300	1952
Monthly	1.42	36	1952	11.8	300	1952

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.25	32	1956	3.6	91	1961
2	0.75	19	1975	4.0	102	1962
3	1.08	27	1962*	10.8	274	1962
4	0.79	20	1962	7.9	201	1962
5	1.16	29	1956	3.5	89	1973
6	1.45	37	1960	2.3	58	1970
7	1.09	28	1953	1.0	25	1970
8	0.49	12	1971	1.7	43	1973
9	0.39	10	1976	3.9	99	1976
10	0.96	24	1969	4.7	119	1973
11	1.02	26	1967	9.3	236	1967
12	1.31	33	1959	7.0	178	1970
13	0.93	24	1953	1.6	41	1959
14	0.80	20	1954	7.4	188	1959
15	1.09	28	1954	6.5	165	1962
16	0.57	14	1976	2.8	71	1976
17	0.84	21	1974	1.2	30	1973
18	0.55	14	1962	4.0	102	1968
19	0.67	17	1972	3.6	91	1959
20	0.73	19	1961	7.3	185	1961
21	0.87	22	1959	1.4	36	1962
22	0.82	21	1972	3.3	84	1973
23	0.49	12	1963	2.0	51	1970
24	0.64	16	1974	1.7	43	1976
25	0.50	13	1971*	3.2	81	1959
26	0.49	12	1972	3.1	79	1959
27	1.15	29	1959	11.5	292	1959
28	0.82	21	1961	1.9	48	1973
29	0.63	16	1968	6.3	160	1968
30						
31						
Monthly	1.45	37	1960	11.5	292	1959

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

16201

STATION KEFLAVIK, ICELAND

STATION

STATION NAME

YEARS

1949-1977

DAILY EXTREME AMOUNTS

MARCH

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.56	14	1959	5.6	142	1959
2	0.60	15	1968	6.0	152	1968
3	0.61	15	1963	4.3	109	1967
4	1.69	43	1974	11.1	282	1960
5	2.69	68	1959	25.0	635	1959
6	0.55	14	1977	3.0	76	1958
7	0.88	22	1961	2.8	71	1969
8	1.70	43	1972	1.2	30	1967
9	0.72	18	1974	2.4	61	1961
10	0.46	12	1961	4.6	117	1961
11	0.86	22	1975	2.5	63	1976
12	0.62	16	1953	3.6	91	1976
13	1.24	31	1967	12.4	315	1967
14	0.70	18	1969	4.7	119	1967
15	0.67	17	1969	6.3	160	1961
16	1.81	46	1969	3.5	89	1969
17	0.64	16	1976	6.4	163	1976
18	0.53	13	1966	1.4	36	1967
19	0.67	17	1976	6.1	155	1953
20	0.75	19	1975	2.0	51	1966
21	0.60	15	1971	2.6	66	1976
22	0.76	19	1971	2.8	71	1952
23	0.89	23	1970	5.4	137	1967
24	0.58	15	1954	1.7	43	1976
25	0.46	12	1965	5.0	127	1965
26	1.10	28	1964	5.0	127	1965
27	0.26	7	1968	2.6	66	1968
28	0.71	18	1970	4.4	112	1974
29	0.68	17	1974	3.4	86	1968
30	0.62	16	1974	2.0	51	1961
31	0.74	19	1971	1.0	25	1969
Monthly	2.69	68	1959	25.0	635	1959

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

APRIL

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.94	24	1972	5.5	140	1962
2	0.75	19	1966	7.2	183	1966
3	0.91	23	1958	2.5	63	1973
4	1.09	28	1963	3.2	81	1961
5	0.58	15	1959	2.8	71	1961
6	0.49	12	1956	2.2	56	1965
7	0.52	13	1974	0.6	15	1954
8	1.19	30	1974	8.1	206	1962
9	0.62	16	1976	5.6	142	1976
10	0.53	13	1971	1.7	43	1963*
11	0.80	20	1977*	5.3	135	1963
12	0.98	25	1968	4.6	117	1963
13	0.64	16	1962	1.4	36	1975
14	0.58	15	1976	5.1	130	1965
15	1.25	32	1965	12.5	317	1965
16	1.10	28	1960	9.0	229	1963
17	0.36	9	1973	2.0	51	1971
18	0.73	19	1954	1.0	25	1967
19	0.34	9	1974	0.9	23	1967
20	0.38	10	1966	2.0	51	1958
21	1.23	31	1968	0.2	5	1967*
22	0.64	16	1969	0.5	13	1958
23	0.53	13	1967	0.9	23	1958
24	0.97	25	1968	0.3	8	1958
25	0.76	19	1955	0.7	18	1960
26	0.31	8	1974	T	T	1975*
27	0.60	15	1972	2.4	61	1968
28	0.43	11	1961	T	T	1973*
29	0.55	14	1970	1.0	25	1975
30	1.00	25	1970	0.1	3	1975
31						
Monthly	1.25	32	1965	12.5	317	1965

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

16201

KEFLAVIK, ICELAND

STATION

STATION NAME

1949-1977

YEARS

DAILY EXTREME AMOUNTS

MAY

MONTH

JUNE

MONTH

DAY	PRECIPITATION GREATEST				SNOWFALL GREATEST			
	INCHES	MM	DATE		INCHES	MM	DATE	
1	0.68	17	1957		1.8	46	1963	
2	0.72	18	1970		1.2	30	1963	
3	0.51	13	1975		2.2	56	1963	
4	0.65	17	1975		0.8	20	1963	
5	0.52	13	1973		0.7	18	1976	
6	0.69	18	1976		1.4	36	1976	
7	0.51	13	1953		0.2	5	1963	
8	0.51	13	1975		0.8	20	1973	
9	0.57	14	1969		2.4	61	1966	
10	0.56	14	1961		T	T	1966*	
11	0.72	18	1962		T	T	1977*	
12	0.53	13	1975		T	T	1977*	
13	0.71	18	1976		T	T	1975*	
14	0.33	8	1956		T	T	1971*	
15	0.69	23	1967		T	T	1962*	
16	0.47	12	1973		T	T	1975*	
17	0.70	18	1970		T	T	1975	
18	0.35	9	1964					
19	1.07	27	1970		T	T	1958*	
20	0.31	8	1965*		T	T	1971	
21	0.33	8	1965		T	T	1971*	
22	0.42	11	1954		T	T	1960	
23	0.50	13	1970		T	T	1961	
24	0.48	12	1952		T	T	1961	
25	1.20	30	1963		T	T	1971	
26	1.62	41	1970		T	T	1971*	
27	0.53	13	1970		T	T	1973*	
28	0.85	22	1966					
29	0.30	8	1968		T	T	1970	
30	0.93	24	1968		T	T	1970	
31	0.80	20	1974		T	T	1970*	
Monthly	1.62	41	1970		2.4	61	1966	

DAY	PRECIPITATION GREATEST				SNOWFALL GREATEST			
	INCHES	MM	DATE		INCHES	MM	DATE	
1	0.60	15	1957		T	T	1970*	
2	0.37	9	1974		T	T	1973*	
3	0.59	15	1970		T	T	1977	
4	0.46	12	1969		T	T	1975	
5	0.42	11	1969					
6	0.35	9	1959					
7	0.59	15	1966					
8	0.67	17	1976					
9	0.67	17	1956					
10	0.47	12	1969		T	T	1973	
11	0.64	16	1966					
12	0.49	12	1974		T	T	1973	
13	1.37	35	1964					
14	0.38	10	1970					
15	0.60	15	1970*					
16	0.71	18	1969		T	T	1972	
17	0.33	8	1969		T	T	1959	
18	0.40	10	1960					
19	0.66	17	1969					
20	0.32	8	1962					
21	1.09	28	1977					
22	0.53	13	1964					
23	1.69	43	1960					
24	0.77	20	1970					
25	0.34	9	1964					
26	0.25	6	1967					
27	0.75	19	1975					
28	0.58	15	1962					
29	0.61	15	1969					
30	1.00	25	1962					
31								
Monthly	1.69	43	1960		T	T	1977*	

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION
16201

STATION NAME
KEFLAVIK, ICELAND

YEARS
1949-1977

DAILY EXTREME AMOUNTS

JULY
MONTH

AUGUST
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.53	14	1964			
2	0.34	9	1969			
3	0.47	12	1970			
4	0.64	16	1977			
5	0.36	9	1955			
6	0.39	10	1954			
7	0.42	11	1966			
8	0.67	17	1967			
9	0.99	25	1977			
10	0.23	6	1954			
11	0.26	7	1973			
12	0.34	14	1956			
13	0.44	11	1956			
14	1.11	28	1971			
15	0.37	9	1972			
16	0.65	17	1970			
17	1.11	28	1977			
18	0.19	5	1974*			
19	0.50	13	1954			
20	1.01	26	1960			
21	0.59	15	1966			
22	0.48	12	1977			
23	0.54	14	1964			
24	0.74	19	1957			
25	0.54	14	1955			
26	0.77	20	1972	T	T	1971
27	0.64	16	1962			
28	0.50	13	1973			
29	0.58	15	1964			
30	0.37	9	1963			
31	0.65	17	1975			
Monthly	1.11	28	1977*	T	T	1971

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.89	23	1970			
2	0.48	12	1973			
3	0.47	12	1969			
4	0.50	13	1959			
5	0.71	18	1975			
6	0.28	7	1974			
7	0.70	18	1974			
8	1.27	32	1968			
9	0.88	22	1959			
10	0.47	12	1959			
11	0.74	19	1977			
12	0.65	17	1973			
13	0.78	20	1976			
14	0.94	24	1969			
15	0.61	15	1957			
16	0.31	8	1957			
17	0.91	23	1961			
18	0.46	12	1972			
19	1.51	38	1976	T	T	1972
20	0.81	21	1967			
21	1.07	27	1967			
22	1.19	30	1961			
23	1.01	26	1969			
24	3.39	86	1966			
25	1.13	29	1954			
26	0.35	9	1972*			
27	1.70	43	1977			
28	1.31	33	1972			
29	1.03	26	1968			
30	0.61	15	1968			
31	1.14	29	1964			
Monthly	3.39	86	1966	T	T	1972

* ALSO ON EARLIER YEARS

T - TRACE - AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

16201

KEFLAVIK, ICELAND

STATION

STATION NAME

1949-1977

YEARS

DAILY EXTREME AMOUNTS

SEPTEMBER

MONTH

OCTOBER

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.60	15	1965	T	T	1950
2	0.48	12	1971			
3	0.69	18	1966			
4	1.30	33	1959			
5	0.61	15	1953			
6	1.51	38	1970	T	T	1955
7	0.94	24	1975	T	T	1977
8	0.63	16	1968			
9	1.56	40	1975	T	T	1976
10	0.47	12	1967			
11	0.69	18	1967	T	T	1975
12	0.66	22	1974			
13	0.84	21	1969	T	T	1954
14	0.83	21	1953	T	T	1974
15	0.68	17	1967	T	T	1962
16	0.66	17	1969	T	T	1962*
17	0.66	17	1971	T	T	1954
18	1.31	33	1962			
19	0.76	19	1965	T	T	1975
20	1.56	40	1956	T	T	1971
21	0.75	19	1952	T	T	1971*
22	1.51	38	1961	T	T	1975
23	1.23	31	1973	T	T	1974
24	0.97	25	1973	T	T	1973*
25	2.18	55	1959	0.3	8	1969
26	0.60	15	1961	0.2	5	1954
27	0.68	17	1953	T	T	1977*
28	0.93	24	1970	T	T	1968*
29	0.47	12	1962	1.6	41	1969
30	0.80	20	1957			
31						
Monthly	2.18	55	1959	1.6	41	1969

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.57	14	1961	T	T	1971*
2	0.95	24	1964	T	T	1969*
3	0.50	13	1969	T	T	1956*
4	0.60	15	1969	T	T	1976*
5	0.97	25	1957	T	T	1976*
6	0.52	13	1963			
7	0.45	11	1963*	T	T	1968*
8	1.23	31	1970	T	T	1957*
9	0.32	8	1959*	1.8	46	1953
10	0.34	9	1951	0.2	5	1953
11	0.78	20	1972	0.5	13	1964
12	1.36	35	1952	T	T	1976*
13	0.82	21	1969	0.5	13	1953
14	1.35	34	1971	T	T	1976*
15	0.83	21	1970	0.2	5	1963
16	1.30	33	1963	1.2	30	1967
17	0.89	23	1964	1.6	41	1954
18	0.50	13	1958	T	T	1974*
19	0.99	25	1965	T	T	1974*
20	0.64	16	1956	T	T	1973*
21	0.85	22	1953	0.8	20	1951
22	0.96	24	1965	2.0	51	1957
23	1.39	35	1974	3.0	76	1957
24	0.79	20	1965	3.1	79	1970
25	0.71	18	1969	1.0	25	1957*
26	1.25	32	1962	1.0	25	1957
27	0.71	18	1971	4.0	102	1957
28	0.65	17	1973	0.6	15	1973*
29	1.17	30	1966	5.0	127	1962
30	0.61	15	1976	0.2	5	1969
31	0.70	18	1971	1.0	25	1977
Monthly	1.39	35	1974	5.0	127	1962

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

16201

KEFLAVIK, ICELAND

1949-1977

STATION

STATION NAME

YEARS

NOVEMBER

DECEMBER

MONTH

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.34	9	1975*	0.9	23	1959
2	0.94	24	1975	3.1	79	1955
3	0.83	21	1975	1.0	25	1973
4	1.26	32	1974	1.5	38	1969
5	0.49	12	1956	4.2	107	1977
6	1.88	48	1973	3.5	89	1959
7	0.82	21	1956	3.1	79	1959
8	1.06	27	1952	3.0	76	1954
9	0.38	10	1970	1.7	43	1959
10	0.65	17	1965	5.0	127	1974
11	0.83	21	1973	2.2	56	1954*
12	1.00	25	1975	2.0	51	1966
13	0.81	21	1966	3.9	99	1966
14	0.41	10	1958	1.6	41	1953
15	0.96	24	1954	4.4	112	1966
16	1.02	26	1955	2.3	58	1973
17	1.39	35	1966	3.0	76	1964
18	0.84	21	1958	2.4	61	1977
19	1.39	35	1958	5.0	127	1966
20	0.67	17	1956	3.0	76	1963
21	0.90	23	1954	4.2	107	1965
22	1.19	30	1975	1.3	33	1966
23	1.50	38	1957	1.9	48	1975
24	0.91	23	1976	1.5	38	1961
25	0.62	16	1972	1.6	41	1968
26	0.62	16	1962	6.2	157	1962
27	1.21	31	1967	12.1	307	1967
28	1.08	27	1962	10.8	274	1962
29	0.78	20	1963	6.0	152	1967
30	0.44	11	1962	1.9	48	1967
31	1.88	48	1973	12.1	307	1967
Monthly						

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.55	14	1953	5.5	140	1953
2	1.06	27	1967	1.7	43	1951
3	0.66	17	1967	5.8	147	1967
4	0.75	19	1966	3.3	84	1969
5	0.81	21	1971	4.7	119	1966
6	0.81	21	1968	4.0	102	1961
7	0.66	17	1951	6.6	168	1951
8	1.45	37	1960	8.8	224	1960
9	0.84	21	1953	5.7	145	1976
10	1.21	31	1967	6.3	160	1972
11	0.87	22	1968	3.8	97	1974
12	0.79	20	1968	4.6	117	1971
13	1.20	30	1968	2.0	51	1977
14	0.99	25	1976	5.7	145	1973
15	0.93	24	1975	9.3	236	1975
16	1.76	45	1976	3.2	81	1959
17	1.53	39	1964	3.5	89	1975
18	0.40	10	1962	2.4	61	1957
19	0.57	14	1953	3.7	94	1955
20	0.58	15	1977	3.7	94	1954
21	1.07	27	1969	7.7	196	1962
22	0.66	17	1953	3.6	91	1972
23	0.50	13	1968	5.0	127	1968
24	0.97	25	1957	5.2	132	1975
25	0.74	19	1972	5.6	142	1966
26	0.80	20	1974	8.0	203	1974
27	0.69	18	1969	6.1	155	1975
28	0.58	15	1966	5.8	147	1966
29	0.62	16	1975	6.2	157	1975
30	0.52	13	1974	3.5	89	1967
31	2.50	63	1955	5.0	127	1973
Monthly	2.50	63	1955	9.3	236	1975

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SURFACE WINDS (FROM DAILY OBSERVATIONS)

16201 KEFLAVIK, ICELAND
STATION NAME

55-77

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
49													
50													
51													
52													
53													
54													
55		ENE 56W	63		ESE 50		SE 42SSE 48SE 45N	42NE 47SE 58					
56			S 56NNE 52W	49S	50SE 35N	30NNE 32WSW 51W	70W 67						
57	WSW 68ENE 53ESE	43ESE 54ESE	59E	35W	31SE 43WSW 41WSW	65SE 47W 67							WSW 68
58	W 73NE 45E	35SSE 50N	33WNW 35NNE	29NNE 37SE	55SE 51ESE 58WSW	62							W 73
59	SE 50S 76WSW 54SW	43ESE 59N	49SE 33NNE	36ESE 45ESE 57SSW	50ENE 41								S 76
60	SE 40SSE 53SE 48SE	48SE 44SE	40NNE 33N	28ESE 54SE 44E	53SE 55								SE 55
61	ESE 66SW 60SSW 54NNE	37SE 46E	38	SE 50SE 54N	52SE 53								
62	W 61W 63NE 42SE	58NNE 40SSW	54SE	42NE 35ESE 67SE	50W 64SE	69							SE 69
63	WSW 61N 59SE	50N 62NNE 49NNE	40SE 49N	42ESE 70SE 65SSE	56SE 57								ESE 70
64	ESE 68W 50SE	60WSW 46NE	40NW 46SE	47N 49W	57ESE 66ESE	52W 59							ESE 68
65	ESE 51WSW 60N 53W	49ESE 37S	33ESE	44SE 45SE 48SSE	60SW 61E	52							SW 61
66	ESE 60NNE 45SE	51ESE 51ESE	42SE 40N	42SE 46SW 42WSW	50W 56WNW	60							ESE 60
67	WSW 59WSW 58WSW	67ESE 50NNW	30SE 48N	36SSE 39S	45SE 40WSW 56WNW	55							WSW 67
68	SSW 54N 54W	54SSW 52SE	56SE 44S	38SE 46ESE 49ESE	57ESE 53SSE	60							SSE 60
69	N 54NNE 58SW	58SSW 67SE	40ESE 41ESE	47WSW 58WNW	51W 64S								SSW 67
70	SE 55WSW 65W	63S 40ESE 55SE	49SW 43SE	36SSE 58SE	52E 61SW	58							WSW 65
71	N 5025 6324	6125 5236	5214 3715	3534 4313	4914 3726	6014 62							25 63
72	16 6017 6413	5615 5412	5235 4113	4313 4313	5713 6424	5614 6225	73						25 73
73	13 5925 7124	6536 4635	4221 4014	4612 5114	8114 6212	60							
74	15 54	12 4618	3601 3402	4408 4127	6814 5223	60							
75	25 6314 7112	5113 5019	4914 3715	3513 3725	3714 3913	5623 65							14 71
76	12 5313 6116	5825 5014	4412 4914	3817 4613	5006 5613	6713 66							13 67
77	01 5210 4235	4422 4513	5008 3812	4413 3913	4036 4812	58							13 58
MEAN	57.9	58.2	54.9	50.5	46.3	41.8	39.4	43.7	51.0	54.3	56.9	59.8	66.2
S. D.	7.761	8.613	6.886	6.787	7.694	5.877	5.786	8.222	11.507	8.845	6.419	6.990	5.691
TOTAL OBS.	619	620	680	627	712	659	681	710	688	708	683	651	8038

SURFACE WINDS
FROM DAILY OBSERVATIONS

55-77

KEFLAVIK, ICELAND

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

[illegible]

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

JAN
MONTH

ALL WEATHER
CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.7	1.3	2.0	1.3	.7	.7	.7			7.2	19.0
NNE	.7	1.3	2.0	5.2	2.0	1.3		.7	.7			15.0	15.4
NE		2.0	.7	2.0	2.0	1.3						7.8	13.6
ENE		2.0	3.3	2.0								7.8	9.2
E	.7	1.3	2.0	1.3	2.0	.7						8.5	11.5
ESE		.7	.7	2.0	2.0		.7					5.9	14.8
SE	.7	2.0	.7	.7	2.0	.7	1.3					8.5	14.9
SSE		.7	.7	1.3	.7	.7						3.9	13.7
S			2.0	3.3	2.0	1.3						9.2	14.0
SSW		.7	2.0	2.0	.7	.7						5.9	13.3
SW		.7	.7	.7	.7		.7					3.3	15.0
WSW			.7	3.3	2.0		.7		.7			7.8	18.9
W				2.0	.7	.7						3.3	15.8
WNW				1.3	.7							2.0	14.7
NW				.7								.7	11.0
NNW		.7		1.3								2.0	10.0
VARBL													
CALM												1.3	
	2.0	12.4	17.6	30.7	20.9	8.5	3.9	1.3	1.3			100.0	14.2

TOTAL NUMBER OF OBSERVATIONS

153

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.9	3.2	.6	.6	1.3					8.4	15.2
NNE		.6	3.2	3.9	3.9	1.3		1.3				14.3	16.4
NE		1.9	1.9	.6	1.3	.6						6.5	11.5
ENE	.6	1.3	3.2	1.9	1.3							8.4	10.2
E	.6	1.3	2.6	3.2	3.2	.6						13.6	12.8
ESE	.6	.6	1.3	.6	.6	1.3						5.2	13.5
SE		.6	1.9	.6		.6	1.3					5.2	16.1
SSE			1.3	.6	.6	.6						2.6	14.5
S	.6	1.9	1.9	4.5	1.3							10.4	11.3
SSW			.6	.6	1.9	1.3						4.5	17.3
SW			1.3	.6	1.3	1.9						5.2	17.9
WSW			.6	1.9	.6	.6						3.9	14.8
W				1.3			1.9	1.3	.6			5.2	28.8
WNW	.6		.6	.6	1.3	.6						3.9	14.7
NW													
NNW				1.3								1.3	13.5
VARBL													
CALM												1.3	
	3.2	9.1	22.7	27.3	18.2	10.4	4.5	2.6	.6			100.0	14.6

TOTAL NUMBER OF OBSERVATIONS

154

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			2.6	.6	1.3	2.6						7.1	16.4
NNE			2.6	6.5	3.9	.6	1.3					14.9	15.8
NE	.6	1.9	1.9	1.3	1.3							7.1	10.0
ENE	.6	1.3	3.9	3.2	1.9	.6	.6					12.3	12.9
E	1.3	1.3	.6	1.9	2.6	1.3		.6				9.7	14.7
ESE		3.2	.6	1.3	.6							5.8	9.1
SE		1.9	1.3	.6			1.3					5.2	13.3
SSE				2.6		1.3	.6					4.5	18.4
S		.6	3.9	1.9		.6	.6					7.8	11.9
SSW		.6	.6	1.3	3.2	.6	.6					6.5	17.0
SW				1.3	.6	.6	.6					3.2	20.2
WSW	.6	1.3	1.3		1.3	1.3	.6	.6	.6			5.8	13.6
W			.6	1.9	1.3		.6					5.8	21.0
WNW													
NW			.6	.6			.6					1.9	16.7
NNW			.6				.6					1.3	18.5
VARBL													
CALA												.6	
	3.2	12.3	21.4	25.3	18.2	9.1	7.8	1.3	.6			100.0	14.6

TOTAL NUMBER OF OBSERVATIONS

154

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JAN
MONTH

ALL WEATHER
CLASS

09
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.9		.6	1.9	1.3					7.1	16.9
NNE		.6	1.9	5.8	1.3	1.9	.6					12.3	15.3
NE	.6		2.6	1.3	.6	.6	.6	.6				7.1	16.3
ENE	.6	1.9	3.9	1.9	2.6	1.9						13.0	12.9
E	.6	1.9	1.3	4.5	2.6	1.9	.6					13.6	14.5
ESE		3.2	1.9		.6		.6					6.5	10.1
SE			.6	1.3		1.3						3.2	17.0
SSE		.6	.6	1.9	.6	.6						4.5	13.9
S	.6	.6	3.2	1.9	1.3							7.3	10.3
SSW	1.3		1.3	1.9	.6			1.3				6.5	16.3
SW		.6	1.3	.6	.6	.6						3.9	12.8
WSW					.6	1.3	.6	.6				3.2	27.2
W	.6	.6	.6	2.6	.6		.6	1.3				7.1	17.5
WNW		.6										.6	6.0
NW			.6	.6	.6							1.9	13.0
NNW		.6	.6									1.3	7.5
VARBL													
CALM												.0	
	4.5	13.0	22.7	24.7	13.6	12.3	5.2	3.9				100.0	14.6

TOTAL NUMBER OF OBSERVATIONS

154

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

73-77

YEARS

JAN
MONTH

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.3	1.3	1.3		3.9						8.4	15.3
NNE		.6	2.6	2.6	2.6	1.3	.6	1.3				11.7	17.9
NE			1.3	1.9	.6	1.3						5.2	14.5
ENE	1.3	2.6	1.9	3.9	1.3	1.9	1.3					14.3	13.8
E	.6	1.3	1.3	1.3	4.5	.6						9.7	13.6
ESE	.6	1.9	1.3	1.3	.6	1.9	1.3					9.1	15.1
SE		.6	.6	2.6		1.3						5.2	14.6
SSE	.6	.6	.6	1.9		.6						4.5	12.0
S	.6	.6	1.3	2.6	1.3	.6						7.1	13.4
SSW	.6			1.3			.6	.6				3.2	19.2
SW			.6	.6	1.3	.6						3.2	16.8
WSW		.6	1.3	1.9	.6	1.3	1.3					5.8	19.1
W		.6		.6	.6	.6	.6	.6				3.9	20.8
WNW			1.3		.6	.6						2.6	14.8
NW				.6								.6	12.0
NNW				.6								.6	13.0
VARBL													
CALM												4.5	
	5.2	11.0	14.3	25.3	14.3	10.9	5.8	2.6				100.0	14.7

TOTAL NUMBER OF OBSERVATIONS

154

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

JAN

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	1.9	1.3	1.9	1.3						8.4	13.3
NNE		1.3	3.9	1.9	1.3	1.9	1.3	1.3				13.0	17.4
NE		1.9	.6	3.2	3.2	.6	.6					10.4	14.8
ENE	1.3	2.6		.6	.6	1.3	.6					7.1	12.5
E		1.9	3.2	3.2	1.3	1.9						11.7	13.4
ESE			1.3		1.9	.6	.6					4.5	18.1
SE		1.9	1.3	.6		.6	.6	.6				5.8	15.3
SSE		.6	.6	4.5	1.3		1.3					8.4	15.6
S		.6	.6	1.3	2.6	.6						5.2	16.1
SSW		.6	1.3	.6	1.3							3.9	12.5
SW			1.3		.6	.6	.6					3.2	18.2
WSW		.6	2.6	.6	.6	1.9	.6					6.5	16.2
W		1.3		1.3	1.3	1.3		.6				5.8	17.9
WNW		1.3			.6		.6					2.6	15.3
NW													
NNW		.6	.6	.6								1.9	8.7
VARBL													
CALM												1.3	
	1.9	16.9	18.8	20.1	18.2	13.0	7.1	2.6				100.0	15.0

TOTAL NUMBER OF OBSERVATIONS

154

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201

STATION NAME
KEFLAVIK, ICELAND

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.9	1.9	2.6	.6	.6					8.4	15.4
NNE		1.9	2.6	1.3	3.9	1.3	.6	1.3				12.9	17.3
NE		1.3	1.9	2.6	1.9	.6						8.4	13.7
ENE		1.3	1.9	2.6	1.3	.6	.6		.6			9.0	16.4
E	1.3	1.9	3.2	1.3	1.3	.6						9.7	10.0
ESE	.6	1.3	.6	.6	1.3	1.3	.6	.6				5.8	16.4
SE		.6	.6	.6	1.9		.6					4.5	16.3
SSE	.6	.6	1.3	1.3	1.9	.6						5.8	13.6
S		2.6	.6	.6	1.3	1.9						7.1	13.2
SSW			1.3	3.2	1.3	.6						6.5	15.1
SW			.6	1.3	1.9		.6	.6				5.2	21.0
WSW	.6	1.3	1.3	1.3	.6		1.3					6.5	13.2
W			.6	1.3	1.3	.6	.6					4.5	16.6
WNW			.6		1.3	1.3	.6					2.6	22.0
NW			.6	.6								1.3	11.0
NNW		.6										.6	4.0
VARBL													
CALM												1.3	
	3.2	13.5	20.0	20.6	21.3	10.3	6.5	2.6	.6			100.0	15.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

JAN
MONTH

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.9		4.5	1.3	1.3					9.7	17.9
NNE		.6	3.9	1.3	2.6	.6	.6	.6				10.3	15.8
NE	.6	1.3	2.6	2.6	.6	.6						8.4	11.7
ENE		1.3	2.6	1.3	1.9	.6						7.7	12.8
E	.6	.6	1.9	1.3	1.9	2.6						9.0	14.9
ESE		3.2	1.3	1.3		.6	.6					7.1	11.2
SE	1.3		1.9	3.9	1.3	1.3	.6					10.3	14.0
SSE	.6		.6	1.9	.6							3.9	12.0
S			1.3	3.9	.6	1.9						7.7	15.4
SSW			1.3	.6								1.9	10.3
SW	.6	1.3	1.3	.6	.6	1.9		1.3				7.7	16.7
WSW			1.3	1.3	1.9			.6				5.2	17.5
W			1.3	2.6	1.3	.6						5.8	15.1
WNW			.6	.6	.6	.6						1.9	13.7
NW					.6	.6						1.3	19.5
NNW			.6	.6								1.3	11.5
VARBL													
CALM												.6	
	3.9	9.0	24.5	23.9	18.7	13.5	3.2	2.6				100.0	14.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.8	1.6	1.2	1.7	1.7	.6	.1				8.1	16.1
NNE	.1	.9	2.9	3.6	2.8	1.3	.6	.8	.1			13.1	16.4
NE	.2	1.3	1.7	1.9	1.5	.7	.2	.1				7.6	13.3
ENE	.6	1.8	2.6	2.3	1.4	.9	.4		.1			10.0	12.8
E	.7	1.5	2.1	2.5	2.4	1.3	.1	.1				10.7	13.2
ESE	.2	1.8	1.1	.9	.6	.7	.6	.1				6.2	13.4
SE	.2	1.0	1.1	1.4	.7	.7	.7	.1				6.0	15.0
SSE	.2	.3	.7	1.9	.7	.6	.2					4.8	14.4
S	.2	.9	1.9	2.5	1.3	.9	.1					7.8	13.0
SSW	.2	.2	1.1	1.5	1.1	.3	.2	.2				4.9	15.5
SW	.1	.3	.9	.7	1.0	.8	.3	.2				4.4	17.4
WSW	.2	.5	1.0	1.3	1.1	.8	.6	.2	.1			5.6	17.1
W	.1	.3	.4	1.7	.9	.5	.6	.6	.2			5.2	19.4
WNW	.1	.2	.4	.3	.4	.4	.2					2.0	15.5
NW			.2	.4	.2	.1	.1					1.0	14.4
NNW		.3	.3	.6			.1					1.3	10.9
VARBL													
CALM												1.4	
	3.4	12.2	20.3	24.7	17.9	11.8	5.5	2.4	.4			100.0	14.7

TOTAL NUMBER OF OBSERVATIONS

1233

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	.7			.7		.7				3.5	16.4
NNE		1.4	2.1	2.1	.7	1.4		.7				8.5	15.8
NE		.7	5.7	2.8	2.8	.7						12.8	12.7
ENE		2.8	5.7	.7	.7	.7						10.6	9.2
E		2.1	.7	2.8	2.8		.7					9.2	14.9
ESE			.7	2.8	.7							4.3	14.0
SE			.7	.7	4.3		.7					6.4	18.3
SSE	1.4		1.4	1.4	3.5	1.4						9.2	13.8
S		.7	1.4	3.5	.7	2.1		.7				9.2	16.7
SSW		.7	2.1	3.5		2.1	.7					9.2	15.8
SW			.7	.7	1.4	1.4	.7	.7				5.7	21.5
WSW					.7	2.1	.7	.4				5.0	28.1
W			1.4	.7	1.4							3.5	14.0
WNW				.7	.7							1.4	14.0
NW													
NNW				.7								.7	11.0
VARBL													
CALM												.7	
	1.4	9.9	23.4	23.4	20.6	12.8	3.5	4.3				100.0	15.3

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.7	.7	.7	.7	.7	.7	.7			5.0	20.7
NNE	.7	.7	1.4	4.3	1.4		.7					8.5	14.2
NE		2.1	2.8	4.3	.7	3.5						13.5	13.7
ENE	.7	.7	1.4	2.1	1.4							5.7	12.8
E		2.1	4.3	1.4	1.4	1.4						10.6	11.9
ESE		1.4		2.8	1.4							5.7	13.5
SE	.7		2.1	.7		2.1						5.7	14.4
SSE		.7	2.1	2.8	2.8	1.4	1.4					11.3	17.2
S		2.1	1.4	2.8	2.1	2.1						10.6	14.7
SSW		.7	.7	.7	2.1		1.4	.7				6.4	20.1
SW				1.4	1.4		.7	.7				4.3	21.8
WSW				.7	.7	2.1		2.1				5.7	25.9
W			.7	2.1	.7		.7					4.3	15.7
WNW					.7							.7	17.0
NW													
NNW		.7		.7								1.4	8.5
VARBL													
CALM												.7	
	.7	12.1	17.7	27.7	17.7	13.5	5.0	4.3	.7			100.0	15.8

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

06

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.7	2.1	.7		.7					4.3	17.0
NNE		.7	.7	2.8	.7	2.1						7.1	15.4
NE		1.4	2.1	3.5	3.5	1.4						12.1	14.8
ENE	.7	2.1	2.8	2.1	.7	.7						9.2	10.4
E	.7	.7	1.4	3.5		1.4						7.8	13.4
ESE		1.4	3.5	.7			.7					6.4	10.4
SE		2.1	.7	.7	1.4	1.4	.7	.7				7.8	17.4
SSE	.7		2.1	3.5	2.1	1.4						9.9	13.6
S	.7	1.4	1.4	3.5	1.4	.7	.7					9.9	13.4
SSW		.7		2.1	1.4	.7						5.0	16.0
SW				1.4	1.4	1.4	2.1	1.4				7.8	24.5
WSW			2.1	1.4		.7						4.3	12.5
W			.7	1.4		.7	1.4	.7				5.0	22.1
WNW					.7							.7	19.0
NW													
NNW		.7	.7	.7				.7				2.8	15.3
VARBL													
CALM												.0	
	2.8	11.3	19.1	29.8	14.2	12.8	6.4	3.5				100.0	15.2

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

09
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7		1.4	.7			.7	.7				4.3	16.5
NNE	.7		.7		2.1		.7					4.3	16.5
NE		1.4	4.3	4.3	2.1	2.1						14.2	13.2
ENE		2.8	3.5	1.4	.7	1.4						9.9	12.1
E		2.1	4.3	2.8	2.1	.7						12.1	11.6
ESE		3.5	1.4	2.1				.7				7.8	10.7
SE			2.1	2.1	1.4	1.4	.7	.7				8.5	18.0
SSE			1.4	.7		.7						2.8	13.0
S	.7			3.5	2.1	.7	2.1	.7				9.9	19.4
SSW	.7		.7	2.1			.7					4.3	14.7
SW	1.4		.7	1.4	2.1	1.4	1.4					8.5	17.2
WSW		.7	.7	2.8		1.4		.7				6.4	17.4
W			.7	.7	.7	.7						2.8	15.3
WNW				.7	.7							1.4	16.5
NW													
NNW	.7	.7				.7		.7				2.8	16.0
VARBL													
CALM												.0	
	5.0	11.3	22.0	25.5	14.2	11.3	6.4	4.3				100.0	14.9

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

12
HOURS (LST)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7			.7	1.4		1.4					4.3	19.5
NNE	.7	.7	1.4	1.4	2.8	.7	.7					8.5	14.8
NE		.7	3.5	2.1	2.1		.7					9.2	13.5
ENE		2.8	4.3	4.3								11.3	9.6
E		2.8	1.4	3.5	.7	.7						9.2	11.5
ESE	1.4			2.8	2.8	.7						4.3	9.3
SE		.7	2.1	2.8	2.1	.7	2.1	.7				11.3	18.9
SSE		.7	.7	.7	.7	.7						3.5	13.4
S		.7	4.3	1.4	3.5	2.1	.7					12.8	15.7
SSW				2.1	.7	.7	1.4	.7				5.7	22.3
SW				1.4	2.1	1.4	2.1	.7				7.8	22.5
WSW	.7	.7	.7	1.4		1.4	.7	.7				5.7	18.8
W		1.4		1.4			.7					3.5	13.0
WNW													
NW					.7			.7				1.4	27.0
NNW													
VARBL												1.4	
CALM													
	2.8	11.3	18.4	26.2	17.0	6.5	10.6	3.5				100.0	15.4

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.7	.7	2.8			.7				5.7	17.6
NNE			.7	.7	.7	2.8						5.0	20.6
NE	.7	2.8	2.8	3.5	1.4	.7		.7				12.8	12.3
ENE		1.4	5.0	2.1	2.1							10.6	11.3
E	1.4	.7	2.1	2.8	.7	1.4						9.2	12.2
ESE	1.4	1.4	1.4	.7								5.0	7.0
SE			1.4	2.8	1.4	1.4	.7	1.4				9.2	19.7
SSE			1.4	1.4	.7			.7				4.3	17.0
S	.7	.7	.7	4.3	1.4	5.0	1.4					14.2	17.9
SSW	.7	.7		1.4	.7	.7	.7					5.0	16.0
SW				.7	1.4	1.4	.7	1.4				5.7	25.9
WSW				.7	1.4		2.8					5.0	24.4
W		.7	1.4	.7		1.4						4.3	14.3
WNW						.7						.7	22.0
NW	.7			.7								1.4	7.0
NNW		.7					.7					1.4	16.0
VARBL													
CALM												.7	
	5.7	9.9	17.7	23.4	14.9	15.6	7.1	5.0				100.0	15.9

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201

STATION NAME
KEFLAVIK, ICELAND

YEARS
74-77

MONTH
FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

HOURS (L.S.T.)
18

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.7	2.1	.7							4.3	13.3
NNE		.7	.7	1.4		3.5						6.4	18.1
NE			5.7	2.1	2.1	.7		.7				11.3	14.2
ENE		4.3	4.3	3.5	1.4							13.5	10.0
E		.7	2.1	3.5	.7							7.1	11.9
ESE			2.1	2.1	.7	.7						5.7	13.4
SE			.7	2.1	1.4	.7		.7				5.7	18.9
SSE			.7	1.4	2.1		.7					3.0	17.6
S			3.5	3.5	3.5	1.4	.7	.7				13.5	17.0
SSW		.7		.7	1.4	2.1						5.0	17.6
SW		.7	.7	.7	1.4	2.1	.7	1.4				7.1	23.5
WSW		.7			.7	.7	1.4					3.5	22.0
W				2.6		2.1						5.0	18.0
WNW	1.4					.7			.7			2.8	17.3
NW			.7	.7	.7							2.1	14.7
NNW				.7	.7			.7				2.1	23.3
VARBL													
CALM													
	1.4	8.5	21.3	27.7	17.0	15.6	3.5	4.3	.7			100.0	16.0

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 16201 KEFLAVIK, ICELAND STATION NAME YEARS 73-77 MONTH FEB MONTH 21 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				1.4	.7	1.4	.7					4.3	21.0
NNE		1.4	.7	.7	2.1	.7						5.7	14.0
NE		2.8	4.3	2.8	3.5			.7				14.2	13.2
ENE	1.4	3.5	2.1	3.5	.7							11.3	8.7
E		2.1	2.8	2.1	1.4	.7						9.2	12.1
ESE			.7	2.1	2.1							5.0	15.9
SE		.7	1.4	2.8		2.1	1.4		.7			9.2	19.3
SSE			.7	1.4	.7	2.1						5.0	18.0
S	.7	1.4	2.1	3.5	1.4	1.4	.7	.7				12.1	15.4
SSW				2.1	.7	.7						3.5	16.6
SW			.7	1.4	2.1	.7	1.4	1.4				7.8	22.6
WSW				.7	.7	1.4	1.4					4.3	23.7
W			.7	1.4	1.4	.7						4.3	16.0
WNW				1.4	.7	.7						2.8	18.5
NW				.7								.7	11.0
NNW													
VARBL													
CALM												.7	
	2.1	12.1	16.3	28.4	18.4	12.8	5.7	2.8	.7			100.0	15.6

TOTAL NUMBER OF OBSERVATIONS 141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201

STATION NAME
KEFLAVIK, ICELAND

73-77

YEARS

FEB

MONTH

ALL WEATHER

ALL

CLASS

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.6	1.1	.9	.4	.4	.4	.1			4.4	17.8
NNE	.2	.7	1.1	1.7	1.3	1.4	.3	.1				6.7	15.9
NE	.1	1.5	3.9	3.2	2.3	1.2	.1	.3				12.5	13.4
ENE	.3	2.6	3.6	2.5	1.0	.4	.1					10.3	10.3
E	.3	1.7	2.4	2.8	1.2	.8	.1					9.3	12.4
ESE	.4	1.0	1.2	2.0	.6	.1	.1	.1				5.5	11.7
SE	.1	.4	1.4	1.9	1.5	1.2	.8	.5	.1			8.0	18.3
SSE	.3	.2	1.3	1.7	1.6	1.0	.3	.1				6.4	15.5
S	.4	.9	1.9	3.3	2.0	2.0	.6	.4				11.5	16.3
SSW	.2	.4	.4	1.9	.9	.9	.6	.2				5.5	17.5
SW	.2	.1	.3	1.2	1.7	1.2	1.2	1.0				6.8	22.3
WSW		.3	.4	1.0	.5	1.2	.9	.6				5.0	21.6
W		.3	.7	1.4	.3	.7	.4	.1	.1			4.1	16.4
WNW	.2			.4	.4	.3						1.3	17.5
NW	.1		.1	.3	.1	.1						.5	11.5
NNW	.1	.4	.1	.4	.2	.1	.1	.4				1.6	17.2
VARBL													
CALA												.3	
	2.7	10.8	19.5	26.5	16.8	12.9	6.0	4.0	.3			100.0	15.5

TOTAL NUMBER OF OBSERVATIONS

1128

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.9	1.3		.6						5.2	11.0
NNE		1.3	1.9	1.3	1.9	1.9						6.4	14.5
NE		1.3	2.6	1.3	.6							5.8	10.4
ENE		.6	1.3	.6	.6							3.2	10.6
E	1.3	.6	2.6	1.3	1.9							7.7	10.5
ESE		1.3	1.3	1.3	1.3	1.9	.6					7.7	16.2
SE		1.9	3.2	3.2	.6							9.0	10.6
SSE	.6	1.3	3.2	2.6	1.3	2.6	.6					12.3	14.5
S		1.3	1.9	2.6	1.9	1.9	.6					10.3	14.9
SSW		1.3	1.3	2.6	.6		.6					6.3	13.2
SW		.6	.6	1.3	1.9	1.9	.6					7.1	18.1
WSW	.6		.6	.6	1.9	1.3						5.2	15.3
W			.6	2.6	1.3		.6					5.2	16.6
WNW								.6				.6	35.0
NW	1.3			.6		.6						2.6	11.0
NNW			1.9	.6								2.6	9.0
VARBL													
CALM												.6	
	3.9	12.9	25.2	23.9	16.1	12.9	3.9	.6				100.0	13.6

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3		1.3	2.6	1.3							6.5	11.4
NNE		.6	2.6	.6	1.9	1.9	.6	.6				9.0	17.6
NE	1.9			1.3	.6							3.9	8.3
ENE		1.3	1.3	1.9	.6							5.2	10.1
E	.6	1.3	1.3	1.9	1.9							7.1	11.5
ESE	.6	1.9	.6		1.3	1.3	.6					6.5	14.1
SE		1.3	2.6	3.2	.6		.6					8.4	12.6
SSE	.6	.6	1.9	1.9	2.6	1.3	1.9					11.0	17.0
S	.6	1.3	5.2	1.9	3.9	.6	.6	.6				14.8	14.2
SSW			1.9	1.3		.6		.6				4.5	15.9
SW	.6		1.3	1.9	.6	1.3	.6	.6				7.1	17.4
WSW				1.3	1.9	.6						3.9	17.3
W		1.3		1.3	.6		.6					3.9	15.3
WNW	.6	1.3	.6	1.3				.6				4.5	12.7
NW			.6									.6	9.0
NNW		1.3	1.3									2.6	7.3
VARBL													
CALM												.6	
	7.1	12.3	22.6	22.6	18.1	7.7	5.8	3.2				100.0	14.0

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	3.2	1.3								6.5	8.4
NNE			1.3	3.2	1.3	2.6	.6					9.0	17.7
NE		.6	.6	1.9	1.3							4.5	14.3
ENE		.6	3.2			.6						4.5	10.7
E	1.3	.6	.6	2.6	1.3							6.5	11.3
ESE	.6	1.9	3.2	.6	1.3	2.6	1.3					11.6	14.6
SE			1.9	1.9	.6		1.3					9.8	16.2
SSE	.6		3.9	2.6		1.3	.6	.6				9.7	14.9
S		.6	3.9	3.9	1.3	1.9						11.6	13.2
SSW		.6	1.3	1.3	1.3	1.3	.6					6.5	16.3
SW			1.3	2.6		1.3	1.3					6.5	17.4
WSW		1.3		1.3	.6	.6	.6	.6				5.2	18.8
W		.6		1.9	.6							3.2	14.4
WNW				.6	.6							1.3	17.0
NW		.6		.6	.6			.6				2.6	16.8
NNW		.6		.6								1.3	9.5
VARBL													
CALM												3.9	
	3.2	9.7	24.5	27.1	11.0	12.3	6.5	1.9				100.0	14.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.9	1.3		.6						5.2	11.0
NNE				3.9	.6	1.9	.6					7.1	18.3
NE	.6	.6	1.9	.6	1.9							5.6	12.0
ENE		2.6	3.2	1.9	.6		.6					9.0	10.7
E		1.9	2.6	.6	1.3							6.5	10.3
ESE		2.6	1.3	1.9	1.3	.6	1.9					9.7	15.0
SE		.6	1.3	1.9	1.3	1.3	.6					7.1	16.3
SSE		.6	2.6	3.9	1.9	.6	.6					10.3	14.3
S		1.9	3.2	3.2	1.3	1.9		.6				12.3	13.8
SSW	.6		.6	.6	1.3	.6						3.9	14.3
SW			1.3	3.9	1.3	.6	1.3	1.3	.6			10.3	20.9
WSW				.6		1.3						1.9	20.7
W		.6	1.3	2.6	.6	.6						5.8	12.7
WNW		1.3	.6	.6	1.3							3.9	10.7
NW													
NNW				.6		.6						1.3	20.0
VARBL													
CALM												.0	
	1.3	14.2	21.9	28.4	14.8	11.0	5.2	1.9	.6			100.0	14.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.9	1.3		.6						3.9	13.3
NNE		.6		3.2	3.2	2.6						9.7	17.7
NE		1.3	1.9	2.6	.6							6.5	10.9
ENE	.6	.6	2.6	1.3								5.2	9.4
E	.6	1.9	.6	1.3	2.6	.6						7.7	12.3
ESE		.6	1.9	.6	2.6	2.6	1.3					9.7	19.1
SE		1.3	1.3	1.9	1.3	1.3						7.1	15.0
SSE		.6	1.3	1.9	2.6	1.3						7.7	14.8
S	.6		3.2	5.2		3.2	.6					12.9	15.1
SSW			.6	1.3	.6	.6	1.3					4.5	19.6
SW	.6	.6	.6	3.9	.6	1.3	1.3	1.3				10.3	18.8
WSW	.6		.6		.6							1.9	9.3
W			.6	2.6	.6	1.3	.6					5.8	17.0
WNW		.6		1.3								1.9	9.0
NW			.6	1.3	.6							2.6	14.3
NNW		.6	.6		.6							1.9	9.7
VARBL													
CALM												.6	
	3.2	9.0	18.7	29.7	16.8	15.5	5.2	1.3				100.0	15.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.3	1.3	1.3		.6					4.5	16.7
NNE		.6	1.3	3.2	2.6	1.3						9.0	15.6
NE		.6	1.9	1.3	1.3							5.2	12.0
ENE	.6		.6	2.6		.6						4.5	12.1
E		.6	.6	2.6	.6	.6	.6					5.8	15.9
ESE			1.3	1.9	.6	1.3	1.3					5.8	19.2
SE		.6	1.3	1.9	2.6	2.6	.6					9.7	17.5
SSE			3.9	4.5	3.2	1.3	.6					13.5	15.4
S		1.3	1.3	4.5	1.3	1.9						10.3	14.4
SSW	.6		2.6	.6	1.9							5.8	12.1
SW	.6			2.6	.6	3.9	.6	.6				9.0	20.4
WSW				2.6	1.9	.6						5.2	17.1
W			1.3	.6	.6	.6						3.2	14.8
WNW	.6		.6									1.3	5.5
NW			1.3	1.9	.6							3.9	13.7
NNW			.6	1.3								1.9	12.0
VARBL													
CALM												1.3	
	2.6	3.9	20.0	33.5	18.7	14.8	4.5	.6				100.0	15.4

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.9	1.3	1.3	.6						5.2	14.9
NNE	.6	.6	1.3	3.9	2.6	2.6						11.6	15.6
NE		.6	.6	1.3	.6							2.6	13.3
ENE		1.9	.6	1.3	.6							4.5	10.3
E	.6	.6	.6	.6		.6	.6					3.9	14.0
ESE		.6	1.3	3.9	.6	2.6	.6					9.7	16.5
SE		.6	1.9	1.9	1.3	1.9	1.3					9.0	16.7
SSE		1.9	2.6	5.8	1.9	1.3	.6					14.2	14.5
S		1.3	1.9	2.6	1.3	2.6	.6					10.3	15.4
SSW		.6	.6	1.9								3.2	11.0
SW			.6	1.9	2.6	2.6	.6	.6				8.4	21.3
WSW			.6	2.6	.6	.6						4.5	15.4
W			.6	.6		.6						1.9	15.7
WNW		1.3	.6		.6	.6						3.2	11.8
NW		.6	.6									1.3	7.5
NNW		.6	1.9	1.9	1.3							5.8	11.8
VARBL													
CALM												.6	
	1.3	11.6	17.4	31.6	15.5	16.8	4.5	.6				100.0	15.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6		1.9	1.3	.6		1.3					5.8	14.6
NNE	.6		3.2	.6	1.3	2.6						8.4	15.0
NE		.6		1.9	.6	.6						3.9	15.3
ENE				.6	1.9							2.6	17.3
E		2.6	1.9	1.3	1.3							7.1	10.3
ESE	.6	1.9		1.9		1.3	1.3					7.1	14.7
SE	.6	1.9	3.2	2.6	1.3	1.9	.6					12.3	13.8
SSE			3.2	2.6	2.2	1.3	1.3					11.6	16.4
S		1.3	3.2	1.9	2.6	1.3	1.9					12.3	15.6
SSW		1.3	.6	3.2	.6		.6					6.5	13.7
SW			.6	3.9	1.3							5.8	13.7
WSW			.6	1.3	1.3	.6		.6				4.5	19.0
W			1.9	.6		1.3	.6					4.5	16.7
WNW		.6				.6						1.3	15.5
NW			1.3	.6	.6	.6						3.2	14.6
NNW		.6	1.3	.6								2.6	9.8
VARBL													
CALM												.6	
	2.6	11.0	23.2	25.2	16.8	12.3	7.7	.6				100.0	14.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER

CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5	1.9	1.5	.6	.3	.2					5.3	12.4
NNE	.2	.5	1.5	2.5	1.9	2.2	.2	.1				9.0	16.5
NE	.3	.7	1.1	1.5	1.0	.1						4.8	11.9
ENE	.2	1.0	1.6	1.3	.6	.2	.1					4.8	11.0
E	.6	1.3	1.4	1.5	1.4	.2	.2					6.3	11.8
ESE	.2	1.4	1.4	1.5	1.0	1.8	1.1					8.5	16.1
SE	.1	1.0	2.1	2.3	1.2	1.1	.6					8.5	14.7
SSE	.2	.6	2.8	3.2	2.1	1.4	.8	.1				11.3	15.2
S	.2	1.1	3.0	3.2	1.7	1.9	.6	.2				11.9	14.6
SSW	.2	.5	1.2	1.6	.8	.4	.4	.1				5.2	14.5
SW	.2	.2	.7	2.7	1.1	1.6	.8	.6	.1			8.1	18.8
WSW	.2	.2	.3	1.3	1.1	.7	.1	.2				4.0	16.9
W	.3	.3	.8	1.6	.6	.6	.3					4.2	15.4
WNW	.2	.6	.3	.5	.3	.2		.2				2.3	12.5
NW	.2	.2	.6	.6	.3	.2		.1				2.1	13.3
NNW		.5	1.0	.7	.2	.1						2.5	10.8
VARBL													
CALM												1.0	
	3.1	10.6	21.7	27.7	16.0	12.9	5.5	1.4	.1			100.0	14.5

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	2.0	2.7	4.0	3.3	.7					13.3	17.2
NNE			1.3	2.0	2.7	2.0						8.0	17.2
NE			.7	.7								1.3	11.0
ENE		2.0	.7	1.3								4.0	8.2
E	.7	.7		.7	.7							2.7	9.5
ESE		.7	.7	1.3	.7							3.3	11.2
SE		2.7	1.3	1.3	4.0	1.3						10.7	13.6
SSE		1.3		4.0	1.3	1.3						8.0	15.4
S	.7		3.3	3.3	2.7	.7						10.7	13.1
SSW		2.0	1.3	2.0	.7							6.0	10.8
SW		2.0	3.3	2.0	2.0	1.3						10.7	12.7
WSW		.7	1.3	4.0								6.0	11.1
W		.7		2.7		2.7						6.0	17.3
WNW			1.3	1.3		.7						3.3	13.2
NW	.7	.7	1.3	.7								3.3	7.6
NNW		.7	.7									1.3	7.5
VARBL													
CALM												1.3	
	2.0	14.7	19.3	30.0	18.7	13.3	.7					100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

120

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.0	4.0	3.3		.7					11.3	14.3
NNE	.7			2.0	2.7	2.7	.7					8.7	18.3
NE			.7	.7	.7							2.0	13.3
ENE	1.3	.7	1.3									3.3	5.8
E	.7	1.3	.7	1.3	.7							4.7	9.3
ESE		1.3	1.3	.7	1.3							4.7	11.4
SE	.7	.7	1.3	1.3	1.3	1.3						6.7	13.9
SSE		2.0	2.0	2.7	4.0	.7						11.3	14.3
S	2.0	.7	2.0	2.7	1.3	.7						9.3	11.1
SSW			1.3	4.0	2.0							7.3	14.1
SW		.7	4.0	1.3	1.3							7.3	11.5
WSW		2.0		.7	2.0		.7					5.3	15.0
W		.7	2.7	2.7	1.3	1.3						8.7	13.3
WNW		.7										.7	6.0
NW			2.0	2.0	.7							4.7	12.0
NNW		2.0	.7				.7					3.3	10.8
VARBL													
CALM												.7	
	5.3	14.0	22.0	26.0	22.7	6.7	2.7					100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

REPLAVIK, ICELAND

73-77

YEARS

APR

MONTH

ALL WEATHER

CLASS

06

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.3	1.3	4.0	1.3	2.0	.7					10.7	15.9
NNE			.7	4.0	2.7	1.3						8.7	16.2
NE		.7		.7	.7							2.0	13.0
ENE	.7		.7	2.0								3.3	9.0
E	.7	1.3	2.7	.7	.7							6.0	8.4
ESE			.7	.7	1.3	.7						3.3	15.4
SE		3.3	2.0	2.0		4.0						11.3	13.8
SSE		1.3	2.0	4.0	1.3	1.3						10.0	14.1
S		1.3	3.3	4.7	1.3							10.7	11.6
SSW	.7	.7	1.3	2.0	1.3							6.0	11.9
SW		.7		.7	1.3	1.3						4.0	17.2
WSW			2.0	.7	1.3			.7				4.7	15.9
W			3.3	2.0	2.0	1.3						8.7	13.5
WNW	.7		1.3		.7		.7					3.3	13.8
NW		.7	1.3	.7								2.7	8.8
NNW		.7		1.3	.7							2.7	12.0
VARBL													
CALM													
	2.7	12.0	22.7	30.0	16.7	12.0	1.3	.7				100.0	13.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

09
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	.7	1.3	2.0	2.0	1.3					9.3	17.0
NNE	.7		1.3	4.0	2.0	.7	.7					9.3	14.4
NE		.7	.7	.7	2.0	.7						4.7	15.1
ENE		1.3	.7	1.3								3.3	8.8
E	.7	.7	2.0	2.0								5.3	8.8
ESE			2.0	.7	.7		1.3					4.7	16.0
SE		.7	2.0	2.7	.7	2.7	.7					9.3	16.6
SSE		.7	1.3	4.0	1.3	2.0						9.3	15.9
S		.7	2.0	2.7	3.3	.7						9.3	14.1
SSW			.7	2.7	.7	2.0						6.0	16.4
SW		1.3	.7	2.7	.7	1.3	.7	.7				8.0	17.0
WSW		.7	.7	2.7	1.3							5.3	12.8
W		1.3	2.0	2.0	2.0	1.3						8.7	14.0
WNW			.7	.7			.7					2.0	19.0
NW		.7	2.0			.7						3.3	11.0
NNW			.7	1.3								2.0	12.7
VARB													
CALM												.0	
	1.3	10.7	20.0	31.3	16.7	14.0	5.3	.7				100.0	14.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7		1.3	2.0	.7	.7	.7					6.0	15.1
NNE	.7	.7	1.3	.7	2.7	2.7		.7				9.3	18.6
NE		1.3	1.3		2.7	.7						6.0	14.6
ENE	2.0		.7	.7								3.3	6.2
E	.7	.7	1.3	3.3	.7							6.7	11.9
ESE			.7			.7						1.3	18.5
SE			1.3	1.3	.7	2.0	.7	.7				6.7	20.4
SSE	.7	.7	.7	6.0	4.7	2.7						15.3	16.1
S		.7	1.3	2.7	2.7							7.3	14.5
SSW	1.3	.7	.7	1.3	2.0	1.3						7.3	13.6
SW		.7	1.3	1.3	1.3	1.3	.7					6.0	18.4
WSW		.7	2.0	4.0	1.3	1.3	.7					10.0	15.3
W			1.3	.7	.7	.7						3.3	14.6
WNW		.7	1.3	2.0	.7							4.7	11.4
NW	.7		.7		.7	.7	.7					3.3	17.2
NNW			.7	2.0	.7							3.3	14.2
VARBL													
CALM												.0	
	6.7	6.0	18.0	28.0	22.0	14.7	3.3	1.3				100.0	15.4

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANVET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.7	4.0	.7	1.3	2.0					9.3	18.1
NNE		2.0		1.3	2.7	2.7	.7					9.3	17.9
NE				2.0	.7	.7						3.3	16.8
ENE	.7			.7								1.3	7.0
E		1.3	2.0	3.3	.7							7.3	11.2
ESE		1.3			.7	.7						2.7	14.5
SE		.7	1.3	3.3	1.3	2.7						9.3	16.9
SSE			.7	2.7	2.7	3.3	1.3					10.7	19.4
S		1.3	2.7	2.7	1.3	.7						8.7	13.2
SSW			1.3	4.7	1.3		.7					8.0	15.0
SW		.7	.7	3.3		3.3	.7	.7				9.3	18.7
WSW			.7	.7	1.3							2.7	15.5
W	1.3		1.3	2.7	3.3	.7						9.3	14.1
WNW			.7	2.7	.7	.7						4.7	15.1
NW				2.0	.7							2.7	16.5
NNW				1.3								1.3	13.0
VARBL													
CALM												.0	
	2.0	8.0	12.0	37.3	18.0	16.7	5.3	.7				100.0	16.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

APR

MONTH

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.3	2.0	.7	3.3	1.3					8.7	19.6
NNE		.7	2.0		2.7	1.3	2.0					8.7	18.8
NE		.7	2.0	.7	1.3	.7						5.3	12.9
ENE				.7		.7						1.3	16.5
E				2.7	.7							3.3	15.2
ESE	.7	.7		2.0	.7							4.0	10.5
SE			1.3	3.3	.7	1.3	.7					7.3	16.4
SSE	.7		1.3	5.3	4.7	2.0	.7					14.7	17.0
S			2.7	2.7								5.3	11.1
SSW		.7		6.0	1.3	.7						8.7	15.1
SW		.7	1.3	2.7	2.0		.7					7.3	15.6
WSW	.7	.7	1.3	1.3	1.3		.7	.7				6.0	13.6
W			2.0	1.3	2.7	.7	.7					7.3	16.5
WNW			.7	2.7	.7				.7			4.0	13.5
NW			1.3	3.3	.7							6.0	17.2
NNW		.7	.7	.7								2.0	9.0
VARBL													
CALM												.0	
	2.0	4.7	18.0	37.3	20.0	10.7	6.0	.7	.7			100.0	15.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.7	4.0	3.3	2.7	1.3					12.7	18.2
NNE		.7	.7	1.3	1.3	.7	2.0					6.7	19.1
NE	.7			1.3	1.3							3.3	12.8
ENE				.7								.7	15.0
E	.7	.7	1.3	.7	.7							4.0	9.5
ESE		1.3	1.3	.7	.7							4.0	10.0
SE		2.0	2.0	2.7	1.3	2.0	.7					10.7	14.5
SSE			2.0	2.0	3.3	1.3						8.7	16.0
S		1.3	1.3	6.0	2.0							10.7	12.6
SSW		1.3		2.7	1.3	.7						6.0	14.0
SW	.7	1.3	2.0	2.0	.7	.7						7.3	11.4
WSW		.7	2.0	2.0		1.3	.7					6.7	15.4
W	.7		2.0	2.0	.7							5.3	11.1
WNW		.7		3.3			.7					4.7	14.6
NW		1.3	2.7	2.7								6.7	9.5
NNW		.7	.7	.7								2.0	8.3
VARBL													
CALM												.0	
	2.7	12.7	18.7	34.7	16.7	9.3	5.3					100.0	13.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201

STATION KEFLAVIK, ICELAND

73-77

YEARS

APR

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.8	1.2	3.0	2.0	1.9	1.1					10.2	16.9
NNE	.2	.5	.9	1.9	2.4	1.7	.7	.1				8.6	17.5
NE	.1	.4	.7	.8	1.2	.3						3.5	14.0
ENE	.6	.5	.5	.9		.1						2.6	8.5
E	.5	.8	1.2	1.8	.6							5.0	10.4
ESE	.1	.7	.8	.7	.7	.2	.2					3.5	12.9
SE	.1	1.2	1.6	2.2	1.2	2.2	.3	.1				9.0	15.5
SSE	.2	.7	1.2	3.8	2.9	1.8	.2					11.0	16.1
S	.3	.7	2.3	3.4	1.8	.3						9.0	12.7
SSW	.2	.7	.8	3.2	1.3	.6	.1					6.9	14.0
SW	.1	.9	1.7	2.0	1.2	1.2	.3	.2				7.5	15.1
WSW	.1	.7	1.2	2.0	1.1	.3	.2					5.8	14.3
W	.2	.3	1.8	2.0	1.6	1.1	.1					7.2	14.3
WNW	.1	.2	.7	1.6	.3	.2	.2					3.4	13.8
NW	.2	.4	1.4	1.4	.3	.2	.1		.1			4.1	12.5
NNW		.6	.5	.9	.2		.1					2.2	11.3
VARBL													
CALM												.5	
	3.1	10.3	18.8	31.8	18.9	12.2	3.7	.5	.1			100.0	14.4

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

0800

5702 SURFACE WINDS JAN 78

0800

0800

16201 STATION KEFLAVIK, ICELAND 73-77 YEARS MAY NORTH
ALL WEATHER CLASS 00 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	5.2	1.9	1.3	1.3						11.0	10.4
NNE		1.3		2.6	2.6	1.3						7.7	15.6
NE		1.9	.6	1.9	.6							5.2	10.5
ENE		2.6	1.9	1.3								5.8	8.7
E	1.9	.6	1.3	1.9	1.3		.6					7.7	11.2
ESE			1.3		.6							1.9	12.3
SE		1.3	2.6	3.2	3.2	.6						11.0	14.1
SSE	.6	.6	5.2	2.6	1.9	.6						11.6	11.5
S	.6	2.6	5.8	3.2	1.9							14.2	10.0
SSW	.6	.6										1.3	4.5
SW	.6	.6		.6	.6							2.6	10.3
WSW	1.3	1.3		.6		1.3						4.5	10.9
W		1.3	.6	1.3								3.2	9.4
WNW		2.6										2.6	4.8
NW	.6	1.3	1.9	.6								4.5	7.1
NNW	.6	.6	1.9									3.2	6.2
VARBL													
CALM												1.9	
	7.7	21.3	28.4	21.9	12.9	5.2	.6					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

MAY
MONTH

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.6	4.5	1.9	1.9							11.0	9.9
NNE	.6	2.6	1.3	3.9	1.9	1.9						12.3	13.2
NE	.6		1.3									1.9	7.0
ENE		1.3	1.3	.6	.6							3.9	10.5
E	.6	.6	1.9	1.9	.6	.6						6.3	11.7
ESE		.6	1.9	2.6	1.3		.6					7.1	13.4
SE		2.6	1.3	2.6	3.2	1.3						11.0	13.5
SSE	.6		1.9	3.2	1.3							7.1	12.5
S	1.3	2.6	5.6	4.5								14.2	9.0
SSW	1.3	.6			.6							2.6	7.3
SW	.6	.6	.6	1.3	.6	.6						4.5	12.6
WSW													
W			2.6	.6								3.2	10.0
WNW	1.3			1.3								2.6	8.0
NW		1.3	1.3									2.6	6.3
NNW	.6	1.3	1.9									3.9	6.7
VARBL													
CALM												5.8	
	7.7	16.8	27.7	24.5	12.3	4.5	.6					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	5.8	4.5	.6							14.8	9.5
NNE		2.6	1.3	3.2	1.9	.6						9.7	12.3
NIE		1.9	3.2									5.2	7.5
ENE		2.6	.6	1.3	.6	.6						5.8	10.7
E	.6	1.3	1.3	2.6		.6						6.5	10.5
ESE		1.3	.6	1.9	.6							4.5	11.0
SE			.6	2.6	1.9	.6	1.9					7.7	19.6
SSE	.6	.6	3.2	5.2	1.3	.6						11.6	12.6
S	1.3	3.2	1.9	3.9								10.3	8.5
SSW				1.3	.6							1.9	15.3
SW		1.3										1.3	4.5
WSW			1.9	1.3	.6							3.9	11.3
W			1.9									1.9	6.7
WNW		1.3										1.3	5.0
NW		1.3	.6									1.9	6.0
NNW	.6	.6	1.9		.6							3.9	8.0
VARBL													
CALM												7.7	
	3.9	21.3	25.2	27.7	9.0	3.2	1.9					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

STATION 16201 KEFLAVIK, ICELAND STATION NAME 73-77 YEARS MAY MONTH 09 HOURS (L.S.T.)

CLASS ALL WEATHER

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.3	2.6	5.2	1.9	1.9						11.6	11.8
NNE		2.6	3.9	1.9	1.9	1.3	.6					12.3	13.2
NE		1.9	5.8	1.3	.6							9.7	9.3
ENE	.6	.6	1.9	1.9	.6	.6						6.5	12.0
E	2.6	.6		1.3	.6							5.2	7.5
ESE				2.6	1.9	.6						5.2	17.4
SE			.6	3.2	1.9	2.6						8.4	17.7
SSE			2.6	4.5	2.6	1.9						11.6	15.7
S		1.3	3.9	4.5	1.3	.6	.6					12.3	12.9
SSW			.6	1.3		.6						2.6	15.5
SW		.6	.6									1.3	7.5
WSW		.6	1.9	.6	.6							3.9	10.7
W			1.3	1.3								2.6	12.0
WNW		1.3	.6	.6								2.6	7.3
NW		.6	1.9									2.6	6.8
NNW		.6		.6								1.3	9.0
VARBL													
CALM												.6	
	3.9	12.3	28.4	31.0	14.2	8.4	1.3					100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER

CLASS

12

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	3.2	4.5	2.6	.6						12.3	13.3
NNE		1.3	9.0	1.9	1.9	.6	1.3					16.1	12.2
NE		1.9	2.6	1.3								5.8	8.4
ENE				1.3	.6	.6						2.6	17.0
E		.6	.6	1.9								3.2	11.0
ESE			1.3	3.9	1.9	.6						7.7	15.7
SE	.6			3.2	3.2	2.6						9.7	17.7
SSE		1.3	1.9	4.5	.6							8.4	11.6
S		1.3	1.3	4.5	1.9	1.9						11.0	14.7
SSW			.6	1.9	1.3	.6	.6					5.2	17.8
SW			.6	1.9								2.6	10.8
WSW		1.3	.6	3.2	.6							5.8	11.6
W		.6		.6								1.3	10.5
WNW			1.3	.6								1.9	10.3
NW		1.9	.6									2.6	5.8
NNW	.6	.6		1.3	.6							3.2	10.4
VARBL													
CALM												.6	
	1.3	12.3	23.9	36.8	15.5	7.7	1.9					100.0	13.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

16201

STATION KEFLAVIK, ICELAND

73-77

YEARS

MAY

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	3.2	2.6	3.2		.6					10.3	13.9
NNE	1.3	1.9	2.6	3.9	2.6	.6	1.3					14.2	13.0
NE		.6	1.9	1.3	.6							4.5	10.1
ENE		1.3		.6	.6							2.6	10.8
E		.6		1.3		.6						2.6	14.0
ESE				.6	2.6	1.3	.6					5.2	21.0
SE			.6	3.9	3.9	1.3	.6					10.3	18.0
SSE			1.3	4.5	1.9	.6						8.4	15.0
S			1.9	3.2	1.3	1.3						7.7	15.5
SSW			.6	3.2	2.6	.6						7.1	16.5
SW	.6			3.9			.6					5.2	13.5
WSW	.6	1.3	1.9	2.6								6.5	10.1
W	.6		1.3	.6	.6							3.2	10.0
WNW	.6	.6	.6	1.9								3.9	8.7
NW		1.3	.6	.6								2.6	9.0
NNW		1.3	1.3	1.9								4.5	10.3
VARBL													
CALM												1.3	
	3.9	9.7	18.1	36.8	20.0	6.5	3.9					100.0	13.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.6	6.5	2.6	.6	.6					14.2	14.1
NNE		1.9	1.9	1.9	.6	2.6						9.0	14.1
NE		1.3	1.3	.6								3.2	8.0
ENE		1.3	.6	.6								2.6	7.3
E		1.9		.6		.6						3.2	10.6
ESE		.6		1.9	2.6	1.9						7.1	17.6
SE		.6		3.2	2.6	.6	.6					7.7	17.3
SSE		1.3		5.8	3.2	.6						11.0	15.1
S			3.2	3.9	3.9							11.0	13.9
SSW			.6	1.3	1.3							3.2	13.8
SW			1.3	1.3	1.3	1.3						5.2	16.4
WSW			.6	.6	1.3							2.6	15.3
W	1.3	1.3		1.3	.6							4.5	8.1
WNW			2.6	1.3								3.9	9.3
NW		.6	1.9	4.5								7.1	11.3
NNW			1.3	2.6								3.9	11.7
VARBL													
CALM												.6	
	1.3	12.3	16.1	38.1	20.0	6.4	1.3					100.0	13.5

TOTAL NUMBER OF OBSERVATIONS

155

AD-A060 607

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) KEFLAVIK--ETC(U)
JUL 78

F/G 4/2

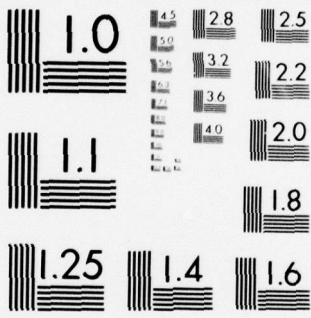
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2 OF 4

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100



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

MAY
MONTH

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	2.6	2.6	2.6	1.3						11.0	12.8
NNE			1.3	2.6	1.3	1.9						7.1	15.9
NE		.6	.6	1.9	.6							3.9	12.5
ENE			.6	.6								1.3	12.5
E	.6	2.6	1.3	.6		.6						5.8	8.3
ESE		.6		1.3	1.9	.6						4.5	16.9
SE			1.3	4.5	3.2	1.9						11.0	16.2
SSE			2.6	3.9	2.6	.6						9.7	14.9
S		2.6	3.2	5.2	.6							11.6	10.6
SSW		.6	1.9	1.3	.6							4.5	10.9
SW		.6		1.9	.6		.6					3.9	14.7
WSW		.6	.6	.6	.6							2.6	11.3
W	.6	1.9	.6	.6								3.9	6.8
WNW	.5	.6	2.6		.6							4.5	8.4
NW		1.9	3.2	1.3								6.5	8.6
NNW	.6	.6	3.2	1.9								6.5	9.4
VARBL													
CALM												1.9	
	3.2	14.8	25.8	31.0	15.5	7.1	.6					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.7	3.7	3.7	1.9	.5	.2					12.0	11.9
NNE	.2	1.8	2.7	2.7	1.9	1.4	.4					11.0	13.4
NE	.1	1.3	2.2	1.0	.3							4.9	9.3
ENE	.1	1.2	.9	1.0	.4	.2						3.9	10.9
E	.8	1.1	.8	1.5	.3	.4	.1					5.1	10.4
ESE		.4	.6	1.9	1.7	.6	.2					5.4	15.9
SE	.1	.6	.9	3.3	2.9	1.5	.4					9.6	16.5
SSE	.2	.5	2.3	4.3	1.9	.6						9.9	13.7
S	.4	1.7	3.4	4.1	1.4	.5	.1					11.5	11.6
SSW	.2	.2	.6	1.3	.9	.2	.1					3.5	14.0
SW	.2	.5	.4	1.4	.4	.2	.2					3.3	12.8
WSW	.2	.6	1.0	1.2	.5	.2						3.7	11.3
W	.3	.6	1.0	.8	.2							3.0	9.2
WNW	.3	.8	1.0	.7	.1							2.9	8.0
NW	.1	1.3	1.5	.9								3.6	8.3
NNW	.4	.7	1.5	1.0	.2							3.8	9.0
VARBL													
CALM												2.6	
	4.1	15.1	24.4	31.0	14.9	6.4	1.5					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	4.0	2.7	2.0	1.3						12.0	12.3
NNE	.7	2.7	3.3	.7	2.0							9.3	9.9
NE	.7	.7		.7		.7						2.0	14.0
ENE	.7	1.3	1.3	.7								2.7	8.8
E		1.3	2.0	1.3	1.3							6.0	11.2
ESE		1.3	1.3	2.7	1.3							5.3	14.5
SE	.7	2.0	4.0	2.7	.7	2.0						12.0	12.2
SSE		.7	2.0	2.7	1.3							6.7	12.0
S	.7	2.7	2.7	2.0								5.3	9.5
SSW	.7	.7	1.3	2.0		.7						5.3	10.4
SW		1.3	3.3	1.3	.7	.7						7.3	11.3
WSW	.7	1.3	2.7	.7								5.3	7.4
W	.7	2.0	2.0	1.3	.7							6.7	8.0
WNW	.7	1.3	1.3			.7						4.0	9.3
NW		.7	.7	2.0								3.3	10.8
NNW		2.0	2.0									4.0	6.2
VARBL													
CALM												2.7	
	6.0	18.0	34.0	23.3	10.0	6.0						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201

STATION KEFLAVIK, ICELAND

73-77

YEARS

JUN

MONTH

ALL WEATHER

03

HOURS (L & T)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	2.0	4.7	.7	.7						8.7	12.6
NNE			2.0	2.0	2.7							6.7	13.9
NE	.7	2.0	.7	1.3	.7	.7						6.0	10.2
ENE		.7		.7		.7						2.0	13.7
E	.7	1.3	1.3	.7	.7	.7						3.3	11.1
ESE		.7	2.0	.7	.7	.7						4.7	12.0
SE		1.3	1.3	4.0	1.3	.7						8.7	13.8
SSE	1.3	2.7	2.0	2.0	2.0							10.0	9.5
S	2.0	2.7	2.0	4.0								10.7	7.8
SSW	.7	1.3	.7	2.0	1.3							6.0	11.1
SW		.7	1.3		1.3							3.3	12.0
WSW	.7	1.3	.7									2.7	5.5
W	.7	3.3	2.0	.7								6.7	7.2
WNW		3.3	1.3		.7							5.3	8.1
NW	1.3	1.3	1.3		.7							4.7	7.0
NNW	.7	1.3	1.3	1.3								4.7	8.3
VARBL													
CALM												4.0	
	8.7	24.7	22.0	24.0	12.7	4.0						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

06
HOURS (LST)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	4.7	2.0	4.0	.7						14.7	12.1
NNE		.7	2.7	2.0	2.0	.7						8.0	13.1
NE	.7	.7	2.0		.7	.7						4.7	10.4
ENE	.7	1.3	.7	.7	.7	1.3						5.3	13.0
E	.7	1.3	2.0	1.3	1.3							6.7	10.1
ESE	.7	1.3	1.3	.7	.7	.7						5.3	10.4
SE		.7	1.3	2.7	2.0							6.7	13.3
SSE		2.0	2.0	3.3	.7							8.0	10.4
S	1.3		6.7	2.0	1.3							11.3	10.0
SSW	.7	.7	.7	1.3	1.3				.7			5.3	15.6
SW		.7	1.3	1.3		.7						4.0	12.3
WSW	2.0	2.0	.7	1.3								6.0	6.4
W		.7	.7	.7								2.0	9.3
WNW		1.3	.7	2.0	.7	.7						5.3	12.8
NW		.7			1.3							2.0	14.3
NNW		2.0										2.0	5.0
VARBL													
CALM												2.7	
	7.3	18.7	27.3	21.3	16.7	5.3			.7			100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

16201 STATION KEFLAVIK, ICELAND STATION NAME YEARS 73-77 MONTH JUN HOURS (L.S.T.) 09

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.7	2.0	4.0	4.0	.7						11.3	14.2
NNE	.7	1.3	.7	5.3	2.0							10.0	12.8
NE	1.3	3.3	2.7	2.7	.7							10.7	8.6
ENE		1.3	2.0	.7	.7	.7						4.7	11.4
E		.7	1.3	.7	.7	.7						3.3	12.2
ESE			.7	2.0	1.3	.7		.7				5.3	18.1
SE	.7	1.3	3.3	3.3	2.7	.7						12.0	12.6
SSE			1.3	4.0	.7	.7						6.7	14.0
S		1.3	1.3	6.7	2.0							11.3	12.5
SSW	.7	.7	1.3	2.0		.7						5.3	11.5
SW		.7	.7	2.0		1.3						4.7	13.6
WSW		.7	.7	.7								2.0	8.3
W		2.0	.7	1.3		.7						4.7	11.0
WNW	1.3		.7	2.0	1.3							5.3	11.3
NW				.7								.7	14.0
NNW				.7								.7	11.0
VARBL													
CALM												1.3	
	4.7	14.0	19.3	38.0	15.3	6.7		.7				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			2.7	7.3	2.0	1.3						13.3	14.2
NNE		2.0	1.3	5.3	.7	.7						10.0	12.1
NE		2.0	2.0	.7	2.0	.7						7.3	11.9
ENE			.7	1.3	.7							2.7	14.0
E	.7		1.3	1.3			.7					4.0	13.0
ESE			1.3	3.3		1.3						6.0	15.1
SE		.7	.7	4.7	4.0	1.3						10.7	15.6
SSE		.7	.7	4.7	1.3	.7						8.0	14.3
S	.7		3.3	4.7	1.3	.7						10.7	12.7
SSW			1.3	2.0	1.3		.7					4.7	14.4
SW		.7	2.0	1.3		.7						5.3	14.4
WSW		.7	.7	.7	.7	.7						3.3	13.4
W		2.0	.7	2.7	1.3							6.7	11.7
WNW		.7		1.3	1.3							2.0	14.7
NW	1.3			.7	.7							2.7	9.3
NNW			1.3	.7								2.0	10.7
VARBL													
CALM												.7	
	2.7	9.3	19.3	41.3	17.3	6.0	1.3					100.0	13.4

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			2.0	6.0	4.0	.7						12.7	15.3
NNE		.7	1.3	4.7	3.3	.7						10.7	14.7
NE		1.3	.7	1.3	.7							4.0	10.3
ENE	.7	.7	.7									2.0	4.3
E	.7	1.3	.7	.7	.7							4.0	9.0
ESE			.7	2.0		.7	2.0					5.3	20.1
SE			.7	3.3	3.3	1.3						8.7	16.5
SSE			.7	6.0	.7	.7						8.0	14.5
S			.7	7.3	.7	1.3						10.0	15.2
SSW			.7	1.3	2.0							4.0	15.3
SW	.7		2.0	2.0		2.0						6.7	14.5
WSW	.7	.7	1.3	1.3	1.3							5.3	10.4
W		.7	4.0	3.3								8.0	10.1
WNW			1.3	.7	1.3							3.3	14.0
NW		1.3		1.3	.7							3.3	10.4
NNW		.7		2.7	.7							4.0	13.7
VARBL													
CALM												.0	
	2.7	7.3	17.3	44.0	19.3	7.3	2.0					100.0	13.8

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

JUN
MONTH

18

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.3	4.0	5.3	1.3						12.0	16.5
NNE	.7	2.0	.7	3.3	3.3	.7						10.7	13.6
NE	.7		.7	2.0								3.3	10.8
ENE		.7										.7	6.0
E				.7		.7						1.3	19.5
ESE				2.7		.7						3.3	16.2
SE	.7		.7	4.0	2.0	2.0	.7					10.0	17.1
SSE			2.7	2.7	2.7	.7						8.7	14.5
S		.7	2.0	3.3	2.0							8.0	12.9
SSW			4.0	2.7	2.0	2.0						10.7	14.1
SW		.7	.7	2.7		.7						4.7	12.6
WSW		.7	2.7	1.3	.7							5.3	11.1
W	1.3	1.3	2.7	2.0	1.3							7.3	10.9
WNW	1.3	1.3	2.7	2.0	.7							6.7	10.1
NW			.7	1.3								2.0	11.7
NNW			.7	2.7	1.3							4.7	15.4
VARBL													
CALM												.7	
	2.0	7.3	22.0	37.3	21.3	8.7	.7					100.0	13.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.3	9.3	2.7	1.3						14.7	15.4
NNE		.7	.7	3.3	1.3							6.0	13.3
NE		.7	.7	1.3								2.7	10.8
ENE		.7	.7	.7								1.3	10.5
E		.7	1.3	2.0								4.0	10.5
ESE		.7	1.3	4.0	.7							6.7	12.3
SE			.7	3.3	3.3	1.3						8.7	17.3
SSE		.7		2.7	1.3							4.7	13.0
S	.7	2.7	4.7	2.7								10.7	8.3
SSW	.7		3.3	1.3	1.3	1.3						8.0	12.7
SW	.7		2.0	2.7	.7							6.0	11.6
WSW		1.3	2.0	1.3	.7							5.3	10.0
W		1.3	3.3	2.0	1.3							8.0	10.9
WNW		.7	1.3	.7								2.7	9.0
NW		1.3	2.7	1.3	.7							6.0	9.6
NNW		.7	1.3	2.0	.7							4.7	11.3
VARBL													
CALM												.0	
	2.0	12.0	26.7	40.7	14.7	4.0						100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	2.5	5.0	3.1	1.0						12.4	14.1
NNE	.2	1.2	1.0	3.3	2.2	.3						8.9	12.9
NE	.4	1.3	1.2	1.2	.6	.3						5.1	10.4
ENE	.2	.7	.7	.5	.2	.3						2.7	11.1
E	.3	.8	1.2	1.1	.5	.2	.1					4.3	11.3
ESE	.1	.3	1.1	2.2	.6	.6	.2	.1				5.2	14.7
SE	.2	.7	1.5	3.5	2.4	1.2	.1					9.7	14.7
SSE	.2	.8	1.4	3.5	1.3	.3						7.6	12.7
S	.7	.9	2.4	4.1	.9	.2						9.7	11.1
SSW	.4	.4	1.7	1.8	1.2	.6			.1			6.2	13.1
SW	.2	.6	1.7	1.7	.3	.7	.1					5.2	12.8
WSW	.5	1.1	1.4	.9	.4	.1						4.4	9.1
W	.2	1.7	2.0	1.7	.6	.1						6.2	9.9
WNW	.2	1.1	1.2	.9	.7	.2						4.3	10.8
NW	.3	.7	.7	.9	.5							3.1	10.0
NNW	.1	.8	.8	1.2	.3							3.3	10.6
VARBL													
CALM												1.5	
	4.5	13.9	23.5	33.7	15.9	6.2	.5	.1	.1			100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	1.3	3.2	1.3	.6						9.0	11.8
NNE	1.3	2.6	.6	2.6	.6							7.7	8.8
NE	1.3		1.9									3.2	5.8
ENE	1.3	.6	1.3									3.2	5.6
E		1.3	.6	1.3								3.2	9.0
ESE	1.3	1.3	2.6			.6						5.8	8.1
SE		1.9	1.3	1.3	.6	1.3						6.5	13.4
SSE		.6	1.9	1.9	1.3							5.8	12.7
S	.6	3.9	4.5	4.5	.6							14.2	8.9
SSW	.6		1.9	3.2								5.8	9.7
SW	.6	1.3		3.9	.6							6.5	11.3
WSW	.6	2.6	1.3	.6								5.2	6.4
W	1.3	1.3	3.9	.6	.6							7.7	8.0
WNW		3.2	1.3			.6						5.2	8.6
NW	.6	1.9	1.9	1.3								5.8	7.3
NNW		1.3	.6									1.9	5.7
VARBL													
CALM												3.2	
	11.0	25.2	27.1	24.5	5.8	3.2						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

03

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6	1.3	3.2	1.3							7.7	10.7
NNE	.6	2.6	1.3	2.6	1.3							8.4	10.0
NE	1.9	1.9		1.3								3.2	7.6
ENE	1.3	.6	.6	1.3								3.9	7.8
E	.6	1.3	.6	.6		.6						3.9	9.2
ESE	1.3	.6	1.9	.6								4.5	6.7
SE	.6	1.3	1.9	3.9								7.7	10.8
SSE	.6	1.9	1.9	3.2	1.3							9.0	10.5
S		3.2	2.6	2.6								8.4	8.2
SSW	1.9	1.9	1.9	3.9	.6							8.4	10.5
SW		.6	3.2	1.9								7.7	6.3
WSW	.6	.6	2.6	1.3	.6							5.8	10.0
W	1.3	.6	.6	1.3	.6							4.5	10.0
WNW	1.9	2.6	1.9	.6								7.1	5.8
NW	.6	.6	1.9									3.2	6.0
NNW		2.6		.6								3.2	6.4
VARBL													
CALM												3.2	
	12.9	23.9	24.5	29.0	5.8	.6						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	5.2	1.9	4.5	.6							13.5	8.5
NNE	1.3	2.6	1.9	1.3	1.9							9.0	9.8
NE	.6		.6	2.6								3.9	11.0
ENE		.6	1.3									1.9	8.0
E	.6	1.3	.6	.6								3.2	6.6
ESE	1.3	.6	1.9									3.9	5.3
SE		.6	3.2		1.9							5.8	11.2
SSE		2.6		2.6	1.3							6.5	11.4
S		2.6	5.2	5.2	.6							13.5	10.4
SSW	.6	.6	2.6	3.2	.6							7.7	10.3
SW		1.3	1.9	2.6								5.8	9.6
WSW		1.9	.6	1.9								4.5	9.3
W		2.6	1.3	.6								4.5	6.7
WNW	.6	.6	1.3	.6	.6							3.9	8.8
NW	.6	.6	1.3	1.3								3.9	8.3
NNW	.6	.6	.6									1.9	6.3
VARBL													
CALM												6.5	
	7.7	24.5	26.5	27.1	7.7							100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201

STATION NAME
KEFLAVIK, ICELAND

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	4.5	3.2	3.9	3.2	.6						16.1	11.3
NNE		1.9	1.9	1.9	1.3							7.1	10.3
NE	.6	.6	3.2	.6		.6						5.8	9.9
ENE			1.9	1.3								3.2	10.8
E	1.3											1.3	2.5
ESE		1.3	1.3	1.9	.6							5.2	10.3
SE		1.3	1.3	3.2	1.9	.6						8.4	13.8
SSE		1.3	1.9	1.9	1.9							7.1	12.5
S	.6	.6	1.3	4.5	.6							7.7	11.1
SSW	.6	.6	4.5	4.5	1.9							11.6	11.9
SW	1.3	.6	3.9	1.9	.6							8.4	9.1
WSW			1.9	1.3								3.2	11.2
W	.6	1.9	1.3	.6								4.5	6.1
WNW	.6	1.3		1.3								3.2	7.0
NW		.6	1.3	1.3								3.2	10.0
NNW			.6	.6								1.3	10.5
VARBL													
CALM												2.6	
	5.8	16.8	29.7	31.0	12.3	1.9						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	3.2	6.5	1.3	1.9						14.2	13.0
NNE	1.3	1.3	1.9	3.2	1.9	1.3						11.0	12.8
NE		1.3		.6								1.9	8.0
ENE		1.3	.6									1.9	6.3
E		.6		.6	.6							1.9	12.3
ESE		.6	.6	2.6								3.9	12.0
SE			1.9	7.1	1.3		.6					11.0	14.6
SSE		.6	3.2	1.3	.6							5.6	10.6
S		1.3	3.2	5.2	1.3							11.0	10.9
SSW			2.6	6.5	.6	.6						10.3	13.4
SW	.6	.6	2.6	5.2	.6							9.7	10.7
WSW		.6	1.3	.6								2.6	9.5
W	.6	1.3	1.3	.6								3.9	6.5
WNW	.6	.6	1.9	.6	.6							4.5	8.6
NW			1.9	1.3								3.2	9.4
NNW			1.3									1.3	8.5
VARBL													
CALM												1.9	
	3.9	11.0	27.7	41.9	9.0	3.9	.6					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	2.6	3.9	1.9	1.3						10.3	14.6
NNE		2.6	2.6	1.9	2.6	.6						10.3	12.6
NE		.6		1.3								1.9	8.7
ENE			.6	.6								1.3	10.5
E			.6	.6								1.3	11.0
ESE				2.6	.6							3.2	14.8
SE		.6	.6	3.2	2.6							7.1	13.8
SSE		.6	4.5	3.2	2.6		.6					11.6	13.3
S		1.9	1.3	7.1	.6							11.0	11.4
SSW			1.3	5.2	2.6							9.0	13.9
SW			3.2	3.2	.6	.6						7.7	12.8
WSW	.6		4.5	1.3	.6							7.1	9.2
W		.6	1.9	1.3								3.9	9.7
WNW		1.3	3.2	2.6								7.1	9.8
NW			.6	1.9	.6							3.2	12.0
NNW		.6	2.6	.6								3.9	8.3
VARBL													
CALM												.0	
	.6	9.7	30.3	40.6	15.5	2.6	.6					100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

JUL
MONTH

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.6	3.2	1.3	1.3						6.5	16.1
NNE		1.3		1.9	1.9	.6						5.8	14.3
NE		.6		.6								1.3	10.0
ENE			.6									.6	9.0
E	.6	1.3		.6								2.6	5.8
ESE		.6		4.5	.6							5.8	13.2
SE		1.3		2.6	2.6							6.5	14.1
SSE		1.3	2.6	3.9	.6	.6						9.0	11.9
S			2.6	7.1	.6	.6						10.3	12.5
SSW	.6	.6	1.9	7.1	.6							11.0	11.6
SW	.6	1.3	1.3	1.3	1.9	.6						7.1	12.3
WSW	.6		1.9	2.6	.6							5.8	10.3
W	.6	1.3	1.9	2.6								6.5	8.8
WNW		1.3	4.5	3.2								9.0	9.8
NW	.6	.6	1.3	1.9	.6	.6						5.8	12.6
NNW			2.6	2.6	1.3							6.5	12.6
VARBL													
CALM												.0	
	3.9	11.6	21.9	45.8	12.3	4.5						100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3		1.9	1.9	1.3							6.3	11.5
NNE		1.9		4.5	1.9							8.4	12.5
NE		.6	.6									1.3	8.0
ENE	.6	.6	.6									1.9	6.0
E		1.3	2.6									3.9	7.3
ESE			2.6	2.6								5.2	11.5
SE		.6		2.6	.6	.6						4.5	13.7
SSE		.6	4.5	5.8	1.9	.6						13.3	12.3
S	.6	.6	2.6	4.5		.6						9.0	11.1
SSW	.6	.6	1.3	3.2								5.8	9.7
SW		1.3	1.3	3.2	.6							6.3	11.1
WSW		1.9	2.6	2.6	1.3	.6						9.0	11.9
W		2.6	3.9	.6								7.1	7.3
WNW	1.3	1.3	3.9	1.3		.6						8.4	8.8
NW			1.9	3.9	.6							6.5	12.1
NNW			.6	1.9								2.6	12.3
VARBL													
CALM												.0	
	4.5	14.2	31.0	38.7	8.4	3.2						100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.6	2.0	3.8	1.5	.7						10.5	11.9
NNE	.6	2.1	1.3	2.5	1.7	.3						5.5	11.4
NIE	.3	.7	.8	.9		.1						2.8	6.8
ENE	.4	.5	1.0	.4								2.3	7.9
E	.4	.9	.6	.6	.1	.1						2.7	8.0
ESE	.5	.6	1.4	1.9	.2	.1						4.7	10.2
SE	.1	1.0	1.3	3.0	1.5	.3	.1					7.2	13.3
SSE	.1	1.2	2.6	3.0	1.5	.2	.1					8.5	12.0
S	.2	1.8	2.9	5.1	.5	.2						10.6	10.5
SSW	.3	.6	2.3	4.6	.9	.1						8.7	11.6
SW	.6	.9	2.2	2.9	.6	.2						7.4	10.6
WSW	.3	1.0	2.1	1.5	.4	.1						5.4	9.9
W	.6	1.5	2.0	1.0	.2							5.3	7.9
WNW	.6	1.5	2.3	1.3	.2	.2						6.0	8.5
NW	.3	.6	1.5	1.6	.2	.1						4.4	10.0
NNW	.1	.6	1.1	.8	.2							2.8	9.5
VARBL													
CALM												2.2	
	6.3	17.1	27.3	34.8	9.6	2.5	.2					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201

STATION NAME
KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

AUG

MONTH

STATION

ALL WEATHER

CLASS

00

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	3.2	1.3	1.3	.6						9.0	10.9
NNE	1.3	.6	3.2	.6	1.9							7.7	10.7
NE	.6	.6	.6		1.9	.6						3.9	15.3
ENE	.6	1.3	3.2	.6								5.8	7.7
E		1.9	1.9	1.9	.6							6.5	10.1
ESE	1.3	2.6	1.3	1.9	.6							7.7	6.1
SE		.6	1.3	3.2	.6	1.3						7.1	15.3
SSE	.6	.6	1.9	1.3	1.3	2.6						8.4	14.9
S	1.9	1.9	3.2	3.2	2.6	.6						13.5	11.1
SSW	1.9	.6		1.3	1.3	.6						5.8	11.8
SW			.6	1.3	.6	.6						3.2	15.2
WSW		1.9	1.3	.6	.6							4.5	9.0
W	.6		1.9	.6								3.2	8.0
WNW			1.9	1.3								3.2	10.0
NW	.6	.6										1.3	3.5
NNW	1.3	.6	.6									2.6	4.0
VARBL													
CALM												6.5	
	11.0	16.1	26.5	19.4	13.5	7.1						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	3.9	1.3	1.3	1.3						9.7	11.5
NNE		.6	3.2	1.3	1.9							7.1	11.9
NE		.6	1.3	.6	.6	.6						3.9	14.0
ENE	.6	3.2	1.9	.6								6.5	6.5
E		3.9	1.9	1.9								7.7	8.1
ESE	.6	1.3	1.3	.6	1.3							5.2	10.3
SE	.6	1.3	1.3	3.2	1.9							8.4	11.6
SSE		1.3	1.9	1.3	1.3	.6	.6					7.1	13.5
S	1.3	3.9	6.5	2.6	1.9	.6						16.8	10.0
SSW	1.3		1.9	1.3	3.2	.6						8.4	13.1
SW													
WSW			.6	.6								1.3	11.5
W	1.3	1.3	1.9	1.3	.6							6.5	7.8
WNW		.6	1.9									2.6	7.5
NW	1.3	.6		.6								2.6	5.5
NNW	.6	.6		.6								1.9	5.7
VARBL													
CALM												4.5	
	7.7	21.3	29.7	18.1	14.2	3.9	.6					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

AUG
MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.6	1.9	1.9		1.3	.6					9.7	11.0
NNE		1.3	1.3	1.9	2.6							7.1	13.4
NE	.6	.6	.6	1.3	.6							3.9	9.7
ENE		1.9	2.6		.6							3.2	8.1
E	.6	4.3	.6	3.9	1.9							11.6	10.1
ESE	1.3	.6	1.9	.6	1.3	.6						6.5	11.2
SE		1.9	.6	1.9								4.3	9.1
SSE	1.3	3.2	.6	2.6	1.9	1.9						11.6	12.3
S	1.3	2.6	5.2	3.9	1.9	.6						15.5	10.3
SSW	.6		1.3	1.9	1.9	.6						6.5	13.3
SW			1.3									1.3	8.5
WSW		.6				.6						1.3	13.0
W	.6			1.3	.6							2.6	11.5
WNW	1.3	.6	.6	.6			.6					3.9	9.5
NW		1.3	.6									1.9	6.7
NNW		1.3	.6									1.9	5.7
VARBL													
CALM												5.2	
	9.0	23.2	20.0	21.9	13.5	5.8	1.3					100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

5702 SURFACE WINDS JAN 78

16201 STATION KEFLAVIK, ICELAND 73-77 YEARS AUG MONTH 09 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	3.2	2.6	.6	1.9	.6					11.6	12.9
NNE		.6	1.3	2.6		1.3						5.8	14.1
NE	.6	1.3	.6		.6							3.9	10.0
ENE	.6	.6	1.3	1.9								4.5	9.7
E	.6	1.9	2.6	3.2	.6							9.0	9.4
ESE		1.9	1.9	1.9	1.3	1.3						8.4	12.6
SE	1.3	1.9	1.3	3.9	1.9							10.3	11.1
SSE	.6	.6	1.3		3.2	1.3						7.1	15.5
S	1.3	2.6	4.5	3.9	1.3	1.3						14.8	10.9
SSW		1.3	3.2	2.6	.6							7.7	11.0
SW		.6	.6		1.3							2.6	14.3
WSW			1.3		.6							1.9	13.7
W		.6	1.3	1.3	.6							3.9	11.8
WNW	1.3		1.3	.6								3.2	6.4
NW			.6									.6	8.0
NNW			.6	.6								1.3	9.5
VARBL													
CALM												3.2	
	7.7	15.5	27.1	25.2	12.9	7.7	.6					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

AUG
MONTH

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.6	.6	1.3	1.9	1.3	.0					6.5	17.3
NNE	.6	1.3	1.9	1.9	1.3	.6						7.7	11.8
NE		1.3	2.6	.6	.6							5.2	10.9
ENE	1.3	.6	1.9	1.9								5.8	8.2
E		.6	.6	1.9	.6							3.9	12.2
ESE		.6	1.3	2.6	1.9	1.9		.6				9.0	16.8
SE		.6	.6	3.9	1.3	1.3						7.7	15.2
SSE		.6	.6	3.2	3.9	.6						9.0	15.4
S	1.3	1.3	1.9	4.5	1.9	1.3	.6					12.9	13.3
SSW		1.3	1.9	3.2	.6	.6	.6					8.4	13.0
SW			1.3	.6	1.3	.6						3.9	16.5
WSW			1.9	1.9	1.3							3.2	13.0
W		1.9	.6	1.9								4.5	9.1
WNW		1.9	1.3	.6		.6						4.5	9.4
NW	.6	.6	.6	1.3	.6							3.9	9.5
NNW	.6	.6		.6	.6							2.6	10.5
VARBL													
CALM												1.3	
	5.2	13.5	20.0	29.7	18.1	9.7	1.9	.6				100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

AUG
MONTH

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.3	.6	1.3	2.6						5.3	17.7
NNE		.6	1.9	1.9	.6	1.3	.6					7.1	15.4
NE		2.6	.6	.6								4.5	9.1
ENE		1.3				.6						1.9	12.3
E	.6	.6		1.9	.6	.6						4.5	13.1
ESE			1.9	1.3	2.6		.6					6.5	16.0
SE		.6	1.9	4.5	1.3	.6	.6					9.7	14.2
SSE		1.3	.6	3.9	3.2	2.6						11.6	15.6
S	.6	1.3	2.6	4.5	.6	1.9	.6					12.3	13.7
SSW			1.3	.6	.6	.6						3.2	14.8
SW			2.6	1.9	.6	1.9						7.1	14.8
WSW	.6	.6	1.9	1.3	.6							5.2	9.6
W		1.3	1.3	3.9	.6							7.1	11.5
WNW		1.3	1.3	1.3								3.9	6.8
NW	.6	2.6	.6	.6		.6						5.2	8.6
NNW		.6	1.3	1.3	1.3							4.5	12.7
VARBL													
CALM												.0	
	2.6	14.8	21.3	30.3	14.8	13.5	2.6					100.0	13.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

10201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.3	2.6	1.3	1.9	.6					7.7	17.1
NNE		.6		1.3	2.6	.6						5.2	16.1
NE		.6	.6	.6	.6		.6					1.9	18.3
ENE		.6	1.3	.6								2.6	10.0
E		.6	1.3	1.3	.6							3.9	11.8
ESE		.6	1.3	3.2	1.9		.6					7.7	15.3
SE		1.3	1.3	2.6	1.9	.6	.6					7.1	17.1
SSE	1.3	1.3	4.5	4.5	1.3	.6						13.5	11.4
S	1.3	1.3	1.9	3.9	2.6		.6					11.6	12.7
SSW	.6	.6	.6	3.2	1.3	1.9						5.4	14.8
SW	1.3	1.3	1.3	1.9	.6	.6						5.8	12.0
WSW		.6	1.9	1.3								3.9	9.5
W		3.2	1.3	1.3								5.6	7.9
WNW		1.9	3.2	1.9	.6							7.7	9.8
NW		.6	1.9	.6	.6	.6						4.5	12.9
NNW	.6			.6								1.3	9.5
VARB													
CALM												1.3	
	3.9	13.5	23.9	31.0	16.1	7.1	2.6	.6				100.0	12.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

16201
STATION

KEFLAVIK, ICELAND

73-77

YEARS

AUG

MONTH

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.3	1.9	1.3	1.9	1.9						9.0	13.4
NNE		.6	.6	1.3	1.3							3.9	13.7
NE	.6	.6	1.3	.6	.6	.6						4.5	11.3
ENE		.6	.6	.6								1.9	9.3
E	1.3	1.9	2.6	1.3	.6							7.7	8.8
ESE	1.9	.6	1.3	3.9	.6							8.4	9.3
SE		2.6	3.2	4.5			.6					11.0	10.6
SSE	1.3	.6	1.3	1.3	3.9	1.3						9.7	14.5
S		2.6	1.3	3.9	.6	.6						9.0	11.1
SSW	.6	.6	.6	1.9	1.9	.6	.6					7.1	15.5
SW		2.6	1.3	1.3		.6						5.8	9.0
WSW	.6	.6	1.9	1.3								4.3	8.1
W	.6	1.3	1.3	.6	.6							4.3	8.4
WNW		.6	1.3	1.3								3.2	10.0
NW		.6	2.6	1.3								4.5	9.9
NNW		1.3	1.9	1.3	.6							5.2	9.8
VARBL													
CALM												.0	
	7.7	19.4	25.2	27.7	12.9	5.8	1.3					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.1	2.2	1.6	1.2	1.6	.3					8.6	13.5
NNE	.2	.8	1.7	1.6	1.3	.5	.1					6.5	13.2
NE	.2	1.0	1.0	.4	.8	.4	.1					4.0	11.8
ENE	.4	1.3	1.6	.8	.1	.1						4.3	8.4
E	.4	2.0	1.5	2.2	.7	.1						6.9	10.0
ESE	.6	1.0	1.5	2.0	1.5	.5	.1	.2				7.4	12.6
SE	.2	1.2	1.5	3.5	1.1	.5	.2					8.2	13.0
SSE	.6	1.2	1.6	2.3	2.5	1.5	.1					9.8	14.0
S	1.1	2.2	3.4	3.8	1.7	.9	.2					13.3	11.5
SSW	.6	.6	1.4	2.0	1.5	.7	.2					6.9	13.3
SW		.6	1.1	.9	.6	.6						3.7	13.1
WSW	.2	.6	1.4	.6	.4	.1						3.2	10.2
W	.4	1.2	1.2	1.5	.4							4.8	9.4
WNW	.3	.9	1.6	1.0	.1	.1	.1					4.0	9.1
NW	.4	.9	.9	.6	.2	.2						3.1	9.0
NNW	.4	.6	.6	.6	.3							2.7	9.0
VARBL													
CALM												2.7	
	6.9	17.2	24.2	25.4	14.5	7.6	1.4	.2				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.7	2.0	6.7	1.3	1.3						13.3	12.5
NNE		2.0	.7	4.0	2.7							9.3	12.3
NE		.7	1.3	1.3	.7							4.0	9.8
ENE				2.7	.7							3.3	15.4
E	2.0	1.3	3.3	2.7	1.3							10.7	9.4
ESE	.7			2.0	1.3	.7						4.7	15.4
SE			1.3	4.0	2.7					.7		8.7	17.7
SSE		2.7	.7	2.7	1.3							7.3	11.0
S	2.0	4.0	3.3	2.7	.7	1.3						14.0	9.8
SSW	.7	.7		.7	1.3							3.3	11.6
SW	.7	.7		2.0								3.3	9.2
WSW	.7	3.3	.7									4.7	5.3
W			2.7	.7								3.3	9.2
WNW			.7	.7	.7							2.0	12.3
NW			.7									.7	9.0
NNW	.7	2.0	1.3	.7								4.7	6.9
VARBL													
CALM												2.7	
	8.7	18.0	18.7	33.3	14.7	3.3				.7		100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	6.0	2.7	2.7	1.3						16.0	11.3
NNE	.7	2.7	.7	4.0	1.3	.7						10.0	11.7
NE			2.0	.7	.7							3.3	12.0
ENE		.7	.7	3.3		.7						5.3	13.5
E		1.3	2.0	2.7								6.0	10.2
ESE		.7		1.3	1.3	1.3						4.7	17.4
SE	.7	1.3	1.3	2.7	2.0				.7			8.7	14.5
SSE		2.7	4.0	3.3	.7							10.7	9.3
S	2.7	2.0	2.7	5.3		.7						13.3	9.5
SSW	2.0	.7	.7		.7							4.0	6.5
SW			.7	1.3	.7							2.7	13.8
WSW	.7		2.0	1.3								4.0	9.2
W		1.3	.7	1.3								3.3	9.2
WNW			2.0									2.0	9.3
NW				.7								.7	11.0
NNW		1.3	.7									2.0	6.0
VARBL													
CALM												3.3	
	7.3	17.3	26.0	30.7	10.0	4.7			.7			100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

06

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.3	4.7	2.7	.7	2.0						14.0	11.3
NNE		2.7	2.0	2.7	3.3							10.7	12.9
NE		.7	1.3	.7								2.7	9.3
ENE		1.3	.7	2.7								4.7	10.3
E		3.3	.7	2.7	1.3	.7						8.7	11.6
ESE	1.3	2.7	2.0	.7	.7	1.3						8.7	10.0
SE		2.0	.7	4.0	1.3	.7						8.7	13.3
SSE	.7	1.3	.7	1.3	2.0	.7						6.7	12.7
S	.7	2.7	2.7	4.0					.7			10.0	10.0
SSW		1.3		.7		.7						3.3	18.0
SW	.7	.7	1.3	.7	.7	.7						4.7	10.7
WSW	1.3		.7	1.3	.7	.7						4.7	12.4
W	.7	1.3	.7	2.0								4.7	8.7
WNW		1.3	1.3									2.7	7.3
NW	.7	.7										1.3	3.5
NNW			.7	.7	.7							2.0	13.3
VARBL													
CALM												2.0	
	6.7	25.3	20.0	26.7	11.3	7.3			.7			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

09
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	3.3	.7	2.7	1.3	1.3					13.3	13.0
NNE		2.7	2.0	4.7	1.3							10.7	11.8
NE		2.0	.7	3.3								6.0	10.6
ENE	.7	.7	2.7	2.7								6.7	9.6
E	.7	.7	2.0	1.3	1.3	.7						6.7	11.9
ESE		.7	1.3	1.3	2.0	1.3						6.7	15.3
SE		2.0	1.3	2.0	2.0	1.3						8.7	14.1
SSE	.7	.7		2.0	2.0	.7						6.0	14.0
S	.7	3.3	2.7	2.7								9.3	8.0
SSW	.7	1.3	.7	.7	.7		.7					4.7	12.3
SW			1.3	.7		1.3						3.3	15.4
WSW			3.3	1.3	.7							5.3	11.8
W	.7		1.3		.7							2.7	9.3
WNW	2.0											2.0	2.0
NW	.7	1.3	.7									2.7	5.8
NNW	.7		1.3	.7	.7							3.3	10.0
VARBL													
CALM												2.0	
	9.3	17.3	24.7	24.0	14.0	6.7	2.0					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

73-77

YEARS

SEP

MONTH

ALL WEATHER
CLASS

12

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.3	2.7	5.3	2.7	2.0						14.7	13.8
NNE	.7	2.0	2.0	2.7	2.7	.7						10.7	12.3
NE	.7		.7	2.7	2.0	.7						6.7	14.4
ENE			1.3	2.0								3.3	11.6
E		.7	1.3	2.7		.7						5.3	12.6
ESE			.7	3.3	2.0	1.3						7.3	17.4
SE			.7	2.0	2.7	1.3	1.3					8.0	19.8
SSE		1.3	2.0	3.3	.7							7.3	11.3
S			2.7	4.0	1.3							8.0	12.8
SSW	.7		.7	2.0			.7					4.0	13.3
SW		1.3	3.3	1.3								6.0	8.8
WSW	.7	.7		2.0	1.3	.7						5.3	14.0
W		.7	1.3	2.0	1.3							5.3	12.9
WNW	.7	2.0	.7									3.3	5.8
NW		.7	1.3									2.0	7.7
NNW		.7		1.3								2.0	9.0
VARB													
CALM												.7	
	4.0	11.3	21.3	36.7	16.7	7.3	2.0					100.0	13.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

15

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	.7	6.0	2.0	2.0						13.3	14.4
NNE			1.3	4.0	3.3							8.7	15.5
NE		.7	1.3	2.0	2.0							6.0	13.7
ENE		1.3	1.3		.7	.7						4.0	12.2
E			1.3		2.0	1.3						4.7	17.4
ESE			.7		1.3	.7						2.7	18.0
SE			1.3	4.0	2.7	1.3	.7	.7				10.7	17.6
SSE			.7	2.7	1.3							4.7	14.1
S		1.3	2.7	5.3	1.3	.7	.7					12.0	13.5
SSW		1.3	1.3	2.7								5.3	10.4
SW		1.3	2.0	2.7								6.0	9.9
WSW				2.7	.7	.7						4.0	15.8
W	.7	.7	.7	3.3								5.3	10.8
WNW		.7	1.3	1.3								3.3	9.6
NW		.7	.7	1.3								2.7	10.3
NNW		1.3	.7	2.7	.7							5.3	10.5
VARBL													
CALM												1.3	
	1.3	11.3	18.0	40.7	18.0	7.3	1.3	.7				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	.7	4.0	4.7	.7						11.3	14.9
NNE		.7	.7	6.0	2.7	.7						10.7	14.9
NE			1.3	2.7	2.0							6.0	13.7
ENE					1.3							1.3	20.5
E		.7	1.3	1.3	.7							4.0	11.3
ESE		.7	1.3	1.3	2.7	.7	.7					7.3	16.5
SE			3.3	2.7	2.0	.7	.7	.7				10.0	16.5
SSE			3.3	4.7	.7							8.7	12.2
S	.7	.7	2.0	2.7	2.0							7.3	12.1
SSW	.7		2.7			.7						4.0	10.3
SW				1.3	1.3	.7						3.3	16.4
WSW				3.3								3.3	13.8
W	.7	.7	2.0	2.7	.7							6.7	10.7
WNW		.7	.7	3.3								4.7	11.0
NW		1.3	1.3	1.3								4.0	8.2
NNW	.7	3.3	.7	1.3								6.0	7.2
VARBL													
CALM												1.3	
	2.7	10.0	20.7	38.7	20.7	4.0	1.3	.7				100.0	13.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.3	2.0	4.0	4.0	.7						14.0	13.3
NNE		.7	.7	7.3	1.3							10.0	12.8
NE				.7	.7							1.3	16.5
ENE		1.3		.7	2.0							4.0	13.5
E			2.0	1.3	1.3							4.7	12.6
ESE	.7	1.3	2.0		.7	2.7						7.3	13.5
SE		1.3	2.0	2.7	2.0	.7			.7			9.3	15.1
SSE	.7	1.3	2.0	5.3	1.3							10.7	12.2
S	2.0	3.3	3.3	.7	.7	.7						10.7	8.5
SSW		1.3		1.3		1.3						4.0	14.0
SW	.7			.7								1.3	6.5
WSW	.7	.7	1.3	1.3								4.0	8.7
W	1.3		3.3	2.0								6.7	9.3
WNW	.7	.7	1.3									2.7	6.5
NW		.7		.7								1.3	8.5
NNW	2.0	2.0	1.3	.7								6.0	5.7
VARBL													
CALM												2.0	
	8.7	18.0	21.3	29.3	14.0	6.0			.7			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.1	2.7	4.0	2.6	1.4	.2					13.7	13.0
NNE	.2	1.7	1.2	4.4	2.3	.2						10.1	13.0
NE	.1	.5	1.1	1.7	1.0	.1						4.5	12.5
ENE	.1	.7	.8	1.7	.6	.2						4.1	12.4
E	.3	1.0	1.7	1.8	1.0	.4						6.3	11.7
ESE	.3	.7	1.0	1.2	1.5	1.2	.1					6.2	14.9
SE	.1	.8	1.5	3.0	2.2	.7	.3	.2	.2	.1		9.1	16.1
SSE	.2	1.2	1.7	3.2	1.2	.2						7.7	11.9
S	1.0	2.2	2.7	3.4	.7	.4	.1					10.6	10.4
SSW	.6	.8	.7	1.0	.3	.3	.2		.1			4.1	11.9
SW	.2	.5	1.1	1.3	.3	.3						3.3	11.2
WSW	.5	.6	1.0	1.7	.4	.2						4.4	11.3
W	.5	.6	1.6	1.7	.3							4.7	10.2
WNW	.4	.7	1.0	.7	.1							2.8	8.2
NW	.2	.7	.6	.5								1.9	7.8
NNW	.5	1.3	.3	1.0	.2							3.9	8.1
VARBL													
CALM												1.9	
	6.1	16.1	21.3	32.5	14.9	5.8	.8	.2	.2	.1		100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

1200

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	4.5	2.6	1.3	.6						11.6	10.2
NNE	1.3	.6	2.6	2.6	1.3							6.4	10.1
NE	.6	3.2	.6	1.9								6.3	7.8
ENE	1.3	.6	2.6	1.9	.6	.6						7.7	10.6
E	.6	3.2	1.3	2.6	1.3							9.0	9.2
ESE		1.9	1.3	.6	3.2		.6					7.7	13.3
SE	.6	1.3	3.9	1.9	1.3	1.3	.6					11.0	13.5
SSE	.6		1.9	5.8	1.3							9.7	12.8
S	2.6	1.9	2.6	1.9	.6	1.3						11.0	10.0
SSW			.6		.6	.6						1.9	17.7
SW				1.3	1.3							2.6	15.6
WSW	.6			1.3			.6	.6				3.2	20.2
W			.6	1.3	.6			.6				3.2	19.2
WNW		.6		.6								1.3	8.5
NW		.6	.6	.6		.6						2.6	13.0
NNW		1.9										1.9	5.0
VARBL													
CALM												.6	
	9.7	17.4	23.2	27.1	13.5	5.2	1.9	1.3				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.6	1.9	1.3								5.8	8.4
NNE	.6	2.6	1.9	3.9	1.3							10.3	10.6
NE		1.9	1.3	1.9	.6							5.8	10.6
ENE	.6	1.3	1.9	2.6	1.3	.6						6.4	11.8
E	1.3	1.9	1.3	1.3	.6							6.5	8.4
ESE	.6	1.3	1.3	1.3	1.9	.6	.6					7.7	13.6
SE	.6	1.3	5.2	3.2	1.3	1.3		.6				13.5	12.5
SSE		.6	3.9	1.9	1.3	.6						8.4	12.5
S		1.9	2.6	1.9	2.6							9.0	12.2
SSW		.6	.6	1.3	1.3	.6						4.5	13.6
SW	1.3			.6	.6		.6					3.2	13.0
WSW	.6		.6	1.3			.6	.6				3.9	16.0
W	.6	1.3	.6	1.9			.6					5.2	11.5
WNW			.6	1.3								1.9	11.3
NW	.6	.6	.6									1.9	6.3
NNW												3.2	16.4
VARBL				2.6		.6							
CALM												.6	
	7.1	18.1	24.5	28.4	12.9	4.5	2.6	1.3				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	3.9	1.3	1.3	.6						9.7	10.2
NNE		.6	1.3	1.3	1.3							4.5	12.6
NE	.6			.6	.6							1.9	11.7
ENE	.6	3.2	3.2	2.6	1.9							11.6	10.1
E	.6	3.2	1.9	2.6	.6	.6						9.7	9.8
ESE		3.9	1.9	.6	1.3	.6						8.4	10.3
SE	1.3	1.9	1.3	1.9	3.9							10.3	11.6
SSE		1.3	1.3	1.3	.6	1.3						4.5	15.3
S		2.6	3.9	4.5	.6	.6	.6					12.9	11.8
SSW		.6	.6	.6	.6	1.3						3.9	14.5
SW	1.3			1.9	.6	.6						4.5	11.4
WSW		.6		.6	1.3	1.3						3.9	17.8
W		1.3	1.3	1.3								3.9	8.8
WNW	1.3	.6	1.3									3.2	5.8
NW		1.3	.6	.6	.6							3.2	10.0
NNW	.6		1.3		.6	.6						3.2	12.8
VARBL													
CALM												.6	
	7.1	21.9	23.9	21.9	16.1	7.7	.6					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

DCT

MONTH

ALL WEATHER

CLASS

09

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	1.9	2.6	.6							9.0	9.1
NNE			1.9	3.9	1.3	.6						7.7	13.7
NE		1.9	2.6	1.3	1.3							7.1	10.3
ENE	.6	.6	1.9		.6	.6						4.5	10.9
E	1.3	3.9	3.2	1.9		1.3						11.6	9.3
ESE		1.3	.6	1.9	3.9	.6						8.4	15.5
SE		1.3	3.2	2.6		1.9						9.0	12.4
SSE		1.3	.6	2.6		1.3						5.8	13.4
S		1.3	5.8	1.9	.6	.6	.6					11.0	11.9
SSW		.6	.6	1.3	1.9		.6					5.2	15.6
SW	.6	1.3			.6	.6		.6				3.9	14.7
WSW	.6		1.9	1.9								4.3	10.6
W	.6	1.3	1.3		.6							3.9	7.7
WNW		.6	1.3									1.9	7.0
NW				.6								.6	13.0
NNW				1.9	.6							2.6	14.3
VARBL													
CALM												3.2	
	4.5	18.7	27.1	24.5	12.3	7.7	1.3	.6				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEAR

OCT
MONTH

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.3	2.6	1.9	2.6	.6						11.0	11.0
NNE			1.9	3.2	1.3							6.3	12.5
NE	1.3	.6	1.3	2.6	.6							6.3	10.5
ENE		1.9	3.2	1.9		.6						7.7	10.6
E	1.9	1.9	2.6	3.2	.6	.6						11.0	9.9
ESE	.6	1.3	.6	1.9	2.6	1.3	.6					9.0	15.0
SE	.6	1.3	1.9	3.2	1.9	.6						9.7	11.9
SSE			1.9	2.6	1.9	.6						7.1	14.5
S	.6	1.3	4.5	1.9	1.3		.6					10.3	11.3
SSW			.6	1.3	.6	1.3		.6				4.5	20.7
SW				.6		.6	1.3					2.6	25.3
WSW	.6		.6	1.3	1.3	1.3						5.2	16.1
W	.6	1.9										2.6	4.5
WNW		.6		.6								1.3	9.0
NW		.6	.6									1.3	7.5
NNW			.6	.6								1.3	12.5
VARBL													
CALM												2.6	
	8.4	12.9	23.2	27.1	14.6	7.7	2.6	.6				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

16201
STATION

KEFLAVIK, ICELAND

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	1.9	1.3	3.9							9.0	12.6
NNE		1.3	3.2	2.6	2.6							9.7	11.7
NE	1.3	1.9	2.6	2.6								8.4	8.2
ENE	.6	1.9	1.3	1.3	.6	.6						6.5	10.4
E	1.9	.6	1.3	3.9	1.9		.6					10.3	12.4
ESE			2.6	1.9	1.9	1.3	.6					8.4	15.4
SE		.6	1.3	3.9	1.3	.6	.6					8.4	15.1
SSE			2.6	2.6	1.3	1.3						7.7	14.4
S			2.6	1.9	1.9	.6		.6				7.7	15.5
SSW			1.3	1.3	.6	.6						3.9	15.2
SW				1.9	.6	1.3	.6	.6				5.2	23.4
WSW		.6		1.3	1.3	1.3						4.5	18.0
W		1.3		1.3								2.6	9.8
WNW	.6		1.3				.6					2.6	12.0
NW		.6	.6	.6								1.9	10.0
NNW	.6			1.3								1.9	10.3
VARBL													
CALM												1.3	
	5.2	11.0	22.6	29.7	18.1	7.7	3.2	1.3				100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER

CLASS

18

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.2	2.6	2.6	3.2							11.6	11.7
NNE	.6	1.3	1.9	4.3		.6						9.0	11.1
NE		2.6		2.6	.6							5.8	10.0
ENE		1.3	1.3	1.3	.6	.6						5.2	11.8
E	.6	2.6	6.3	3.9	1.9							15.5	10.3
ESE		.6	.6	1.3	1.3	.6	.6					5.2	16.3
SE		.6	1.3	2.6		1.3		.6				6.5	15.9
SSE			2.6	1.9	1.3	1.3						7.1	14.5
S	.6	2.6	2.6	2.6	1.3			.6				9.7	9.9
SSW		1.3		1.9	1.3							5.2	16.4
SW				1.3	1.9							3.2	17.6
WSW			.6	.6		1.3	.6	.6				3.9	22.0
W		1.3	1.3	.6								3.2	7.2
WNW	.6	.6	.6		.6							2.6	8.8
NW	.6		.6									1.3	5.5
NNW	.6	1.3	.6									2.6	4.5
VARBL													
CALM												2.6	
	3.9	19.4	23.2	27.7	14.2	5.8	1.3	1.9				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

21

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	3.9	2.6								9.0	9.1
NNE		.6	4.5	3.2		.6						9.0	10.8
NE		3.2		.6		1.3						5.2	10.8
ENE	.6	1.3	2.6	1.3	1.3							7.1	10.3
E	.6	1.9	3.2	3.9		.6						10.3	10.1
ESE		2.6	1.9	1.9	.6	1.3		.6				9.0	13.6
SE		1.9	2.6	1.3	1.3	1.3						8.4	12.4
SSE		1.9	2.6	1.3	1.3	1.3						7.1	11.7
S	.6	1.9	5.2	2.6	1.3		.6					12.3	11.4
SSW	.6	.6	.6	1.9								3.9	10.0
SW		.6		1.3			.6					1.9	23.0
WSW	.6				.6	.6	.6					2.6	18.8
W		.6	.6						.6			1.9	21.0
WNW		.6	.6		.6							1.9	10.7
NW		1.9		.6			.6					3.2	11.6
NNW	.6		1.9	.6								3.2	8.2
VARBL													
CALM												3.9	
	4.5	21.3	30.3	23.2	5.8	7.1	1.9	1.3	.6			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201

STATION NAME
KEFLAVIK, ICELAND

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.2	2.9	2.0	1.6	.2						9.6	10.4
NNE	.3	.9	2.4	3.1	1.1	.2						8.1	11.5
NE	.5	1.9	1.0	1.8	.5	.2						5.9	9.7
ENE	.6	1.5	2.3	1.6	.9	.5						7.3	10.7
E	1.1	2.4	2.7	2.9	.9	.4	.1					10.5	10.0
ESE	.2	1.6	1.4	1.5	2.1	.8	.4	.1				8.0	14.0
SE	.4	1.3	2.6	2.6	1.4	1.0	.2	.2				9.6	13.0
SSE	.1	.5	2.2	2.5	1.0	1.0						7.2	13.5
S	.6	1.7	3.7	2.4	1.3	.4	.3	.1				10.5	11.6
SSW	.1	.5	.6	1.2	.9	.6	.1	.2				4.1	15.4
SW	.4	.2	.2	1.1	.7	.4	.3	.2				3.4	17.6
WSW	.4	.2	.5	1.0	.6	.7	.3	.2				4.0	17.1
W	.2	1.1	.7	.8	.2		.1	.1	.1			3.3	10.8
WNW	.3	.5	.7	.3	.2		.1					2.1	9.0
NW	.2	.7	.5	.4	.1	.1	.1					2.0	9.9
NNW	.3	.4	.6	.9	.2	.2						2.5	10.7
VARBL													
CALM												1.9	
	6.3	17.6	24.8	26.2	13.5	6.7	1.9	1.0	.1			100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.3	5.3	4.7	2.7						15.3	15.0
NNE		1.3	.7	4.7	2.7	2.7						12.0	15.9
NIE		2.0		3.3	1.3	.7						7.3	12.9
ENE	.7	2.0	2.0			.7						5.3	8.6
E		1.3	2.7	.7								4.7	7.7
ESE	1.3		.7	2.7	1.3							6.0	11.9
SE		2.7	2.0	.7	2.7	2.0	.7					10.7	14.1
SSE		.7	.7	2.0	2.0	.7	.7					6.7	16.0
S		3.3	1.3	2.7	2.0			.7				10.0	12.3
SSW			2.0	.7		.7						3.3	12.4
SW	.7			1.3	2.0	1.3						5.3	17.0
WSW			.7	.7	1.3							2.7	15.0
W		.7			.7		.7	.7				2.7	22.8
WNW			.7	.7								1.3	13.0
NW	.7	.7			.7							2.0	8.3
NNW	.7		2.7	.7		.7						4.7	11.0
VARBL													
CALM												.0	
	4.7	15.3	17.3	26.0	21.3	12.0	2.0	1.3				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.7	.7	4.0	1.3	4.7	.7					13.3	16.1
NNE	.7	.7	.7	1.3	6.7	2.7						12.0	17.2
NE	.7	.7	.7	5.3	2.7	.7						10.7	13.9
ENE	.7	1.3	.7	.7		.7						4.0	9.3
E		1.3	4.0	2.0								7.3	9.1
ESE	.7		1.3	1.3	.7		.7					4.7	13.6
SE	.7	2.0	1.3	.7	2.7	1.3	.7					9.3	14.5
SSE		1.3	2.0	2.7	1.3			1.3				8.7	15.6
S		2.7	1.3	1.3	.7		.7					6.7	10.7
SSW		.7	1.3		.7	1.3						4.0	14.7
SW				1.3	1.3	.7	.7	.7				4.7	21.4
WSW				.7	.7	2.0						3.3	20.0
W		.7	.7			.7						2.0	11.0
WNW	.7		.7									1.3	5.0
NW	.7	.7		1.3		.7						3.3	11.6
NNW	.7		2.0			.7						3.3	10.0
VARBL													
CALM												1.3	
	6.7	12.7	16.7	22.7	18.7	16.0	3.3	2.0				100.0	14.0

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.7	2.7	.7	4.7	2.7	1.3					13.3	17.0
NNE		1.3	2.7	3.3	4.7	4.0						16.0	16.1
NE		2.0	1.3	2.0	2.0							7.3	12.0
ENE	.7		2.0	.7								3.3	8.6
E		2.0	2.0	.7								4.7	7.7
ESE	2.0	1.3	2.0	.7	2.0	.7						8.7	10.6
SE	.7	2.0	2.0	2.0	2.0	1.3	.7	1.3				12.0	15.4
SSE		2.0	1.3	2.7	1.3							7.3	11.5
S	.7		2.7	3.3	1.3							8.0	12.3
SSW	.7			2.0				.7				3.3	14.8
SW				2.7	1.3	.7						4.7	16.6
WSW		.7		.7	.7	1.3	.7					4.0	19.8
W			.7	.7								1.3	11.0
WNW					.7							.7	21.0
NW		1.3										1.3	5.5
NNW		.7		1.3	.7							2.7	13.0
VARBL													
CALM												1.3	
	5.3	14.0	19.3	23.3	21.3	10.7	2.7	2.0				100.0	13.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

09
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			2.0	5.3	.7	4.7	.7					13.3	18.3
NNE	.7		2.0	3.3	6.0	2.7	.7					15.3	17.0
NE		.7		.7	.7							2.0	11.7
ENE	.7	1.3	2.0		2.0							6.0	10.1
E	1.3	2.7	4.0	2.0								10.0	7.4
ESE	2.0	1.3	.7		.7	1.3						6.0	10.6
SE			2.7	3.3	1.3			.7				8.0	15.2
SSE		1.3	2.7	1.3	1.3	1.3						8.0	13.0
S	.7	.7	4.0	5.3	2.7							13.3	12.0
SSW		.7	.7	2.0	1.3							4.0	14.8
SW		.7		2.0	.7							3.3	13.0
WSW		.7		2.0	.7	.7	.7					3.3	14.2
W				.7		.7	.7					2.0	22.7
WNW													
NW	.7	.7										1.3	3.5
NNW	.7	.7	1.3		.7	.7						4.0	12.2
VARBL													
CALM												.0	
	6.7	10.7	22.0	26.0	18.0	12.0	2.0	.7				100.0	13.6

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

12
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	3.3	4.7	3.3	3.3	.7					17.3	15.3
NNE	.7	.7	.7	7.3	4.0	2.0	.7					16.0	16.3
NE		2.0	1.3	1.3	.7							5.3	9.6
ENE	.7	1.3	1.3	1.3	1.3							4.7	11.3
E	.7	1.3	2.7	.7	.7	.7						6.0	9.9
ESE		.7	3.3	.7								4.7	8.9
SE		2.7		2.0	.7	2.0	.7	1.3				9.3	18.1
SSE		.7	2.0	.7	1.3	.7						5.3	12.6
S		2.0	3.3	5.3	.7	.7						12.0	11.9
SSW	.7	.7	.7	.7	3.3	.7						6.0	15.4
SW	.7	.7		2.0			.7					4.0	13.3
WSW					1.3	1.3	1.3					4.0	24.2
W				1.3								1.3	14.0
WNW		.7										.7	5.0
NW													
NNW	.7	.7	.7		.7							2.7	9.3
VARBL													
CALM												.7	
	4.0	14.0	19.3	27.3	18.0	11.3	4.0	1.3				100.0	14.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

15
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	2.0	4.7	3.3	5.3						18.0	15.5
NNE		.7	.7	4.7	5.3	2.7	.7					14.7	17.8
NE		1.3	.7	2.7	.7							5.3	10.6
ENE			2.0	.7	.7							3.3	12.2
E			4.7	.7		.7						6.0	11.2
ESE			.7	1.3		1.3	.7					4.0	19.2
SE	.7	1.3	1.3		1.3	.7	.7	.7				7.3	18.6
SSE	.7	1.3	3.3	4.0	1.3	.7						11.3	12.4
S		1.3	2.0	2.0	2.7							8.0	12.8
SSW		.7	.7	.7			.7					2.0	16.0
SW			.7	2.7	2.7							6.0	15.2
WSW			.7	.7	2.7	.7						4.7	17.0
W		.7		.7		.7	.7					2.7	19.3
WNW			1.3	.7								2.0	9.3
NW	.7	.7										1.3	3.5
NNW			.7	1.3								2.0	11.3
VARB													
CALM												1.3	
	2.7	10.0	20.7	27.3	20.7	12.7	3.3	.7	.7			100.0	14.6

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			4.7	3.3	4.7	3.3		.7				16.7	16.5
NNE		1.3	1.3	5.3	3.3	2.7	.7					14.7	16.5
NE		.7	1.3	2.7	2.0							6.7	13.0
ENE	.7		.7	.7		1.3						3.3	14.0
E	1.3	.7	1.3	2.0	.7							6.0	8.8
ESE	.7	1.3	1.3		1.3			1.3				6.0	16.6
SE		2.0	2.0		2.0	2.0	.7					8.7	15.8
SSE		.7	3.3	1.3	1.3		.7					7.3	12.4
S	.7	1.3	2.0	3.3		.7	.7					8.7	13.2
SSW		.7	.7		1.3	.7						3.3	14.2
SW				2.7	1.3	1.3	.7					6.0	18.8
WSW			1.3	3.3	.7							5.3	13.1
W					.7	2.0						2.7	22.8
WNW	1.3	1.3										2.7	3.5
NW													
NNW		.7		.7								1.3	9.5
VARBL													
CALM												.7	
	4.7	10.7	20.0	25.3	19.3	14.0	3.3	2.0				100.0	14.6

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

16201 STATION KEFLAVIK, ICELAND STATION NAME 73-77 YEARS NOV MONTH 21 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.3	2.0	5.3	4.7	2.0	.7					10.0	16.1
NNE				4.0	4.0	2.7						10.7	18.1
NE			.7	3.3	1.3							5.3	14.4
ENE	.7	.7	2.0		1.3	.7						5.3	11.6
E	.7	2.0	2.7	1.3								6.7	7.2
ESE	.7		1.3	1.3	.7							4.0	11.3
SE	.7	1.3	1.3	3.3	4.0	1.3	.7					12.7	15.5
SSE	.7	2.0	2.7	3.3	.7	.7	1.3					11.3	12.8
S	.7	1.3	1.3	2.0	1.3							6.7	11.3
SSW				.7		.7						1.3	18.5
SW	.7		1.3	1.3	1.3	.7						5.3	13.6
WSW				1.3	1.3		1.3					4.0	20.3
W		.7				.7						1.3	15.5
WNW	.7				1.3							2.0	14.0
NW				.7	.7							.7	18.0
NNW		2.0	1.3									4.0	8.5
VARBL													
CALM												2.7	
	5.3	11.3	16.7	28.0	22.7	9.3	4.0					100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.8	2.3	4.2	3.4	3.6	.5	.1				15.4	16.1
NNE	.2	.7	1.0	4.2	4.6	2.7	.3					13.9	16.8
NE	.1	1.2	.7	2.7	1.4	.2						6.2	12.5
ENE	.6	.7	1.6	.5	.7	.4						4.4	10.6
E	.5	1.4	3.0	1.2	.2	.2						6.4	8.6
ESE	.9	.6	1.4	1.0	.8	.4	.2	.2				5.5	12.6
SE	.3	1.7	1.6	1.5	2.1	1.3	.6	.5	.1			9.7	15.8
SSE	.2	1.2	2.2	2.2	1.3	.5	.3	.2				8.2	13.2
S	.3	1.6	2.2	3.2	1.4	.2	.2	.1				9.2	12.1
SSW	.1	.3	.7	.8	.8	.5	.1	.1				3.4	14.6
SW	.2	.2	.2	2.0	1.3	.6	.2	.1				4.9	16.3
WSW	.2	.2	.3	1.2	1.1	.7	.4					3.9	17.9
W	.3	.3	.2	.4	.2	.6	.2	.1				2.0	18.4
WNW	.3	.2	.3	.2	.2							1.3	9.1
NW	.3	.5		.2	.2	.1						1.2	6.4
NNW	.3	.6	1.1	.6	.2	.2						3.1	10.6
VARBL													
CALM												1.0	
	5.0	12.3	19.0	26.0	20.0	12.2	3.1	1.2	.1			100.0	14.0

TOTAL NUMBER OF OBSERVATIONS

1200

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

00
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6		.6	2.6	1.9	1.9	.6					8.4	16.4
NNE		.6	1.9	1.3	3.2	3.2	.6					11.0	17.8
NE		1.3	1.9	2.6	.6	2.6						9.0	14.6
ENE		.6	1.3	1.3	.6							3.9	11.0
E		1.3	1.9	1.3	.6		.6					5.8	12.8
ESE		1.3	1.3	1.3	1.3		.6	1.3				7.1	17.7
SE	.6	.6	2.6	1.9	1.9	.6		.6	.6			7.7	16.9
SSE	1.3	.6	.6	2.6	1.3	1.3						6.3	11.2
S	.6	.6	.6	1.3	.6	1.3						4.3	15.1
SSW		.6		1.3	1.9	1.9						3.9	17.7
SW				.6	.6	1.9	1.3	.6				5.2	24.9
WSW		.6		1.3	1.9	1.9		.6				6.3	20.2
W			.6	3.9	.6	1.9	.6	.6				8.4	18.8
WNW			.6	1.9				.6				3.2	17.4
NW		1.3	1.3	.6	.6		.6					1.9	15.7
NNW												3.9	10.2
VARBL													
CALM												3.2	
	3.2	9.0	16.8	23.9	16.1	17.4	5.2	4.5	.6			100.0	15.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

03
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	1.9	1.3	1.9	.6	.6					8.4	14.5
NNE		1.9	.6	3.2	5.2	4.5		.6				16.1	18.3
NE	.6	1.3	2.6		.6	1.3						6.5	10.7
ENE	.6	.6	1.9	.6		1.3						5.2	11.9
E		.6	2.6	1.3	.6							5.2	10.6
ESE	.6	.6	1.3	1.3	1.9	.6	.6					7.1	14.5
SE	1.3		1.9	1.9	1.3	1.3	.6			.6		9.0	17.3
SSE		.6	.6	3.2	.6	.6						5.8	14.3
S		.6	.6	.6	1.9	.6						4.5	15.1
SSW		.6	.6	.6	.6		.6					3.2	14.6
SW				1.3	2.6	.6	.6					5.2	19.6
WSW			1.9	1.3	.6	1.9	1.3	1.3	.6			9.0	22.9
W	.6	1.3	.6	1.9		1.3	1.3	.6				7.7	16.9
WNW				.6								.6	13.0
NW			1.3	.6	.6	.6						3.2	15.2
NNW			1.9									1.9	9.3
VARBL													
CALM												1.3	
	3.9	10.3	20.6	20.0	18.7	15.5	5.8	2.6	.6	.6		100.0	15.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

06
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.3	1.3	1.3	.6	1.9	.6					9.0	13.1
NNE		1.3	.6	3.9	3.2	2.6	1.9					13.5	18.2
NE		1.9	1.3	2.6	1.3	1.3						8.4	13.5
ENE				.6	1.9	.6						3.2	13.2
E		1.3	4.5	.6	.6	1.9						9.0	12.1
ESE	1.3	2.6	.6		1.3	1.3						7.1	10.3
SE				1.9	2.6	1.3	1.3					7.1	20.1
SSE	.6	1.3	1.9	.6	1.3	1.3						7.1	12.5
S			.6	1.9		.6						3.2	14.0
SSW		.6	.6		.6							1.9	10.7
SW			.6	.6	1.9	1.3	.6					5.2	19.3
WSW				2.6	1.3	1.9		1.9				7.7	24.0
W		1.3	1.9	1.3	1.3	.6	2.6					9.0	17.9
WNW		.6	1.3	1.3								3.2	10.8
NW			1.3			.6						1.9	13.3
NNW		.6	1.3									1.9	8.0
VARBL													
CALM												1.3	
	3.9	12.9	18.1	19.4	18.1	17.4	7.1	1.9				100.0	15.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

09
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.6	1.3	3.9	2.6							10.3	12.4
NNE		.6	1.3	3.2	3.9	3.9	.6					13.5	18.3
NE			1.3	.6	3.2		.6					5.8	16.8
ENE			1.9	2.6	.6		.6					5.8	15.3
E		.6	1.9	3.2	1.9							7.7	12.7
ESE		3.2	1.9	1.3	1.3	.6	.6					7.1	13.1
SE		.6	1.9	1.3	1.9	1.9	1.3					7.7	18.5
SSE		.6	1.9	1.3								1.9	10.7
S	1.9	.6	1.9	1.9		.6						4.5	12.6
SSW		.6			.6		1.3					4.5	12.1
SW			.6	.6	1.3		.6					3.2	18.2
WSW		.6		2.6	3.9	1.9	1.9					11.0	19.5
W				1.9	.6	1.3						3.9	18.7
WNW			.6	1.3	1.9	.6						4.5	15.7
NW		.6			1.3	1.9						3.9	18.8
NNW		.6	1.3									1.9	6.7
VARBL													
CALM												2.6	
	1.9	11.0	14.2	24.5	25.2	12.9	7.7					100.0	15.3

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 16201 KEFLAVIK, ICELAND STATION NAME YEARS 73-77 MONTH DEC

CLASS ALL WEATHER HOURS (L.S.T.) 12

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	1.3	3.2	2.6							9.0	11.9
NNE	.6	.6	2.6	.6	7.1	1.3	2.6					15.3	16.1
NIE		1.3	1.3	1.3	2.6	1.3		.6				7.1	17.5
ENE		1.3	1.3	1.3	.6							4.5	10.4
E		3.9	1.9	3.2		.6						9.7	9.8
ESE	.6	.6	.6	.6	2.6		1.3					6.5	16.5
SE	.6	.6		.6	1.3	1.9	1.3					6.5	19.4
SSE		.6	1.3			1.3	.6					3.9	17.0
S		1.9		1.3	.6							3.9	10.5
SSW				1.3		1.9						3.2	20.8
SW		.6	1.3		1.3	1.3	.6					5.2	17.6
WSW		.6		1.9	3.9	.6	.6					7.7	17.4
W		.6		3.9		2.6	3.2					10.3	20.6
WNW				.6	.6		.6					1.9	21.3
NW			.6		.6			.6				1.9	23.3
NNW		1.3		.6								1.9	7.3
VARBL													
CALM												1.3	
	2.6	15.5	11.0	20.6	23.2	13.5	11.0	1.3				100.0	16.0

TOTAL NUMBER OF OBSERVATIONS

153

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

DEC
MONTH

ALL WEATHER

CLASS

15
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6	1.3	3.9	1.3	2.6	1.3					11.0	16.3
NNE		1.3	1.3	1.3	5.0	1.9	1.9					13.5	18.5
NE		.6	.6	2.6	1.3	.6						5.8	13.9
ENE		1.9	.6	4.5	1.3							8.4	11.5
E	.6	3.9	1.3	.6	1.3	.6						8.4	8.8
ESE	.6	.6	1.3		3.9	.6		1.3				8.4	17.9
SE		.6	1.3	.6	.6		.6					3.9	14.7
SSE	.6	.6	1.9				1.3					4.5	13.3
S	.6		1.3	1.3	.6		.6					4.5	13.9
SSW				.6	.6	.6						1.9	19.7
SW			.6	1.3		1.3	.6					3.9	18.7
WSW				3.9	1.3	1.9	.6					7.7	18.5
W		.6	.6	1.3	1.9	4.5	1.3					10.3	20.2
WNW			.6	.6	1.3	.6		1.3				4.5	21.7
NW													
NNW								.6				.6	35.0
VARBL													
CALM												2.6	
	3.9	11.0	11.6	22.6	21.3	15.5	8.4	3.2				100.0	15.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

18
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	.6	2.6	1.9	3.2	.6					10.3	17.9
NNE		1.3	.6	3.2	5.2	1.3	1.3					12.9	17.2
NE	.6	.6	.6	1.3		1.9	.6					5.8	15.4
ENE	.6	2.6	1.9	.6								5.8	7.4
E	1.3	1.9	3.2	1.9	3.2	.6						12.3	11.7
ESE	1.3	.6	1.3	1.3	3.9	.6	.6	.6				10.3	16.3
SE				1.3	1.3							2.6	16.0
SSE		.6	.6	1.3			1.3					3.9	16.0
S			.6	1.3	.6	.6						3.2	15.0
SSW			.6	1.9		.6	.6					3.9	17.0
SW			.6	1.3			.6	.6				3.2	20.6
WSW			1.3	3.9	2.6	1.9	1.3					11.0	17.9
W			1.3	3.2	1.3	2.6	.6					9.0	18.1
WNW	.6							.6				1.3	19.0
NW				.6	.6	.6	.6					2.6	21.5
NNW				.6	.6							1.3	14.5
VARBL													
CALM												.6	
	4.5	9.0	13.5	26.5	21.3	14.2	8.4	1.9				100.0	15.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9		2.6	2.6	.6	.6					8.4	16.0
NNE	.6	1.3	3.2	1.9	2.6	4.5	.6					14.8	16.3
NE			.6	1.3	2.6							4.5	16.0
ENE		1.9	1.9	.6	1.3							5.8	10.3
E		3.9	3.2	1.3	.6	.6						9.7	9.4
ESE		1.3		1.9	1.3	3.2	1.9					9.7	19.7
SE	.6		1.3	.6	1.9	1.9						6.5	15.7
SSE	.6		.6	1.3		.6		.6				3.9	15.8
S		1.3	.6	1.9	.6							4.5	11.7
SSW													
SW			1.9	1.3	1.9		.6	.6				6.5	17.1
WSW		.6	1.3	1.9	1.9	.6	1.9	.6				9.0	19.4
W			.6	3.9	.6	.6	1.9					7.7	18.1
WNW				1.9	.6	1.3						3.9	19.0
NW				1.3	.6	.6						2.6	18.3
NNW				1.3			.6					1.9	18.3
VARBL													
CALM												.6	
	1.9	12.3	15.5	25.2	19.4	14.8	8.4	1.9				100.0	15.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.4	.9	2.7	1.9	1.4	.6					9.4	14.8
NNE	.2	1.1	1.5	2.3	4.5	2.9	1.2	.1				13.9	17.6
NE	.2	.9	1.1	1.5	1.5	1.1	.2	.1				6.6	14.7
ENE	.2	1.1	1.4	1.5	.6	.2	.1					5.3	11.7
E	.2	2.2	2.6	1.7	1.1	.6	.1					8.5	10.9
ESE	.6	1.4	.6	1.0	2.2	.9	.7	.4				7.9	16.0
SE	.4	.3	1.1	.9	1.6	1.1	.6	.1	.1	.1		6.4	17.6
SSE	.4	.6	1.0	1.3	.4	.5	.4	.1				4.7	13.7
S	.2	.5	.8	1.5	.6	.5	.1					4.1	13.5
SSW	.2	.3	.2	.7	.3	.6	.3					2.8	16.0
SW		.1	.7	.9	1.2	.8	.7	.2				4.7	19.4
WSW		.3	.6	2.4	2.2	1.6	1.0	.6	.1			8.7	19.9
W	.1	.5	.7	2.7	.8	1.9	1.5	.2				8.3	18.8
WNW	.1	.1	.4	1.0	.6	.3	.1	.3				2.9	17.6
NW		.1	.6	.3	.4	.6	.2	.1				2.3	18.0
NNW		.5	.7	.4	.2		.1	.1				1.9	11.4
VARBL													
CALM												1.7	
	3.2	11.4	15.2	22.8	20.4	15.2	7.7	2.2	.2	.1		100.0	15.8

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

10201
STATION

KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	2.1	2.8	1.9	1.2	.3	.0	.0			10.0	14.0
NNE	.2	1.1	1.7	2.8	2.4	1.3	.3	.1	.0			9.9	15.0
NE	.2	1.1	1.4	1.6	1.0	.4	.0	.0				5.7	12.2
ENE	.3	1.1	1.5	1.3	.5	.3	.0		.0			5.1	10.9
E	.5	1.4	1.8	1.8	.9	.4	.1	.0				6.3	11.0
ESE	.3	1.0	1.2	1.5	1.2	.7	.3	.1				6.2	14.0
SE	.2	1.0	1.5	2.4	1.7	1.1	.4	.1	.0	.0		8.4	15.2
SSE	.2	.8	1.3	2.7	1.5	.8	.2	.0				8.1	13.9
S	.5	1.3	2.6	3.3	1.3	.7	.2	.1				10.0	12.4
SSW	.3	.5	1.0	1.8	.9	.5	.2	.1	.0			5.2	14.0
SW	.2	.4	.9	1.6	.9	.7	.3	.2	.0			5.3	15.8
WSW	.2	.5	.9	1.3	.8	.6	.3	.2	.0			4.8	15.2
W	.2	.7	1.1	1.5	.5	.5	.3	.1	.0			4.9	13.5
WNW	.3	.6	.8	.7	.3	.1	.1	.0	.0			3.0	11.1
NW	.2	.5	.7	.7	.2	.1	.0	.0	.0			2.5	10.8
NNW	.2	.6	.8	.8	.2	.0	.0	.0				2.6	10.3
VARBL													
CALM												1.6	
	4.6	13.7	21.7	28.6	16.1	9.3	3.2	1.1	.1	.0		100.0	13.2

TOTAL NUMBER OF OBSERVATIONS

14601

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

16201
STATION

KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

ALL
MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.6	.4	.3	.3	.2	.0				2.5	13.5
NNE	.2	.4	.5	.4	.2	.2	.1	.2	.0			2.0	13.9
NE	.1	.3	.5	.3	.2	.2	.0					1.7	12.5
ENE	.2	.4	.5	.4	.2	.3						2.0	12.1
E	.3	.6	.8	1.5	.8	.5	.0	.0				4.5	13.1
ESE	.1	.6	1.1	1.7	2.0	1.6	.6	.2				8.0	17.2
SE	.1	.6	1.8	4.4	3.6	2.9	1.4	.5	.1	.1		15.5	18.5
SSE	.2	.6	1.7	5.3	4.5	2.1	.6	.0				15.1	10.5
S	.4	1.4	3.0	5.8	3.0	1.7	.5	.2				16.0	14.4
SSW	.2	.5	1.2	3.0	1.8	1.1	.4	.2	.0			8.3	15.7
SW	.1	.3	1.2	1.8	1.3	.9	.6	.4				6.7	17.3
WSW	.2	.3	1.0	1.9	1.1	.6	.3	.2				5.6	15.9
W	.2	.7	1.1	1.6	.5	.5	.5	.2	.0			5.2	14.8
WNW	.3	.6	.7	.5	.5	.1	.1	.1				3.0	12.3
NW	.1	.4	.3	.6	.2	.2	.0		.0			1.8	12.4
NNW	.1	.3	.4	.3	.1		.0	.0				1.4	10.1
VARBL													
CALM												.8	
	2.9	8.5	16.5	30.0	20.4	13.0	5.4	2.1	.2	.1		100.0	15.5

TOTAL NUMBER OF OBSERVATIONS

3319

DIRNAVOCEANMET SMOS

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼
NO CEILING													≥ 0
≥ 1800													
≥ 1500					91.0								92.6
≥ 1200													
≥ 1000													
≥ 900													
≥ 800													
≥ 700													
≥ 600													
≥ 500										97.4			98.1
≥ 400													
≥ 300													
≥ 200													
≥ 100													
≥ 0					95.4		96.9			98.3			100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.

Visibility ≥ 2 miles = 96.9%.

Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JAN
MONTH

00
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
≥ 20000	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 18000	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 16000	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 14000	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 12000	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 10000	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 9000	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 8000	31.4	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 7000	41.2	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 6000	41.2	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 5000	41.2	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 4500	41.2	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 4000	43.8	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 3500	45.1	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 3000	49.0	51.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 2500	52.9	56.9	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 2000	62.8	69.9	71.9	71.9	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1800	63.4	70.6	72.6	72.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1500	69.9	79.1	81.7	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1200	71.2	81.1	85.0	85.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1000	71.9	83.0	88.9	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 900	71.9	83.7	89.5	89.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 800	71.9	84.3	90.2	90.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	71.9	84.3	90.2	90.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600	71.9	84.3	90.9	90.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 500	71.9	84.3	90.9	90.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 400	71.9	84.3	90.9	90.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 300	71.9	84.3	90.9	90.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 200	71.9	84.3	90.9	90.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 100	71.9	84.3	90.9	90.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
0	71.9	84.3	90.9	90.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2

TOTAL NUMBER OF OBSERVATIONS

133

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATIONKEFLAVIK, ICELAND
STATION NAME73-77
YEARSJAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)03
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
≥ 20000	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
≥ 18000	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
≥ 16000	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
≥ 14000	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
≥ 12000	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 10000	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
≥ 9000	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
≥ 8000	23.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 7000	34.4	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 6000	34.4	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 5000	34.4	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 4500	34.4	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 4000	38.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 3500	41.6	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 3000	46.8	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 2500	51.3	56.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 2000	61.0	69.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 1800	61.0	69.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 1500	64.3	76.0	78.6	79.9	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.8
≥ 1200	65.6	79.2	82.5	84.4	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.0
≥ 1000	67.5	82.5	87.0	89.6	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.2
≥ 900	67.5	83.1	88.3	90.9	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.5
≥ 800	67.5	83.8	89.0	91.6	92.9	93.5	93.5	93.5	93.5	94.2	94.2	94.2	94.2	94.8
≥ 700	67.5	83.8	89.0	91.6	92.9	93.5	93.5	93.5	93.5	94.2	94.2	94.2	94.2	94.8
≥ 600	67.5	83.8	89.0	91.6	92.9	94.2	94.2	94.2	94.2	94.8	94.8	94.8	94.8	95.5
≥ 500	67.5	83.8	89.0	91.6	93.5	94.8	94.8	94.8	94.8	96.8	97.4	97.4	97.4	98.1
≥ 400	67.5	83.8	89.0	91.6	93.5	94.8	95.5	95.5	95.5	97.4	98.1	98.1	98.1	98.7
≥ 300	67.5	83.8	89.0	91.6	93.5	94.8	95.5	95.5	95.5	97.4	98.1	98.1	98.1	99.4
≥ 200	67.5	83.8	89.0	91.6	93.5	94.8	95.5	95.5	95.5	97.4	98.1	98.1	98.1	99.4
≥ 100	67.5	83.8	89.0	91.6	93.5	94.8	95.5	95.5	95.5	97.4	98.1	98.1	98.1	99.4
≥ 0	67.5	83.8	89.0	91.6	93.5	94.8	95.5	95.5	95.5	97.4	98.1	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS

154

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 20000	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 18000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 16000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 14000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 12000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 10000	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 9000	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 8000	28.6	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 7000	32.5	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 6000	32.5	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 5000	32.5	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 4500	32.5	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 4000	35.7	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 3500	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 3000	43.3	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 2500	50.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 2000	57.8	66.2	66.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 1800	57.8	66.9	67.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 1500	64.3	75.3	76.6	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1200	64.9	76.6	77.9	81.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1000	67.5	81.2	83.1	87.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 900	67.5	83.1	85.7	89.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 800	67.5	83.1	87.0	90.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	67.5	83.1	87.0	90.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	67.5	83.1	87.0	90.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500	67.5	83.1	87.0	90.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	67.5	83.1	87.0	90.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 300	67.5	83.1	87.0	90.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 200	67.5	83.1	87.0	90.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 100	67.5	83.1	87.0	90.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 0	67.5	83.1	87.0	90.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5

TOTAL NUMBER OF OBSERVATIONS

154

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JAN
MONTH

09
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	18.8	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
≥ 20000	19.5	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 18000	19.5	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 16000	19.5	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 14000	19.5	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 12000	19.5	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 10000	19.5	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 9000	21.4	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 8000	24.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 7000	31.2	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 6000	31.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 5000	32.5	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 4500	33.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 4000	33.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 3500	37.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 3000	41.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 2500	49.4	53.9	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 2000	59.1	66.9	68.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 1800	59.7	67.5	69.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 1500	64.3	74.0	77.9	79.9	80.5	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1200	64.9	75.3	79.2	81.2	81.8	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1000	66.9	77.3	81.8	84.4	85.1	85.1	85.7	86.4	86.4	87.0	87.0	87.0	87.0	87.0
≥ 900	66.9	78.6	83.1	85.7	86.4	86.4	87.0	87.7	87.7	88.3	88.3	88.3	88.3	88.3
≥ 800	66.9	79.2	84.4	87.0	87.7	87.7	88.3	89.0	89.0	89.6	89.6	89.6	89.6	89.6
≥ 700	66.9	79.2	84.4	87.7	87.7	89.6	90.9	92.2	92.2	92.9	92.9	92.9	93.5	94.2
≥ 600	66.9	79.2	85.1	88.3	90.3	90.3	90.3	91.6	92.9	93.5	93.5	93.5	94.2	94.8
≥ 500	66.9	79.2	85.1	88.3	90.3	90.3	90.3	91.6	93.5	94.2	94.8	94.8	96.1	96.8
≥ 400	66.9	79.2	85.1	89.0	90.9	90.9	90.9	92.2	94.2	94.8	95.5	95.5	96.8	97.4
≥ 300	66.9	79.2	85.1	89.0	90.9	90.9	90.9	92.2	94.2	94.8	96.1	96.1	98.1	99.4
≥ 200	66.9	79.2	85.1	89.0	90.9	90.9	90.9	92.2	94.2	94.8	96.1	96.1	98.1	100.0
≥ 100	66.9	79.2	85.1	89.0	90.9	90.9	90.9	92.2	94.2	94.8	96.1	96.1	98.1	100.0
≥ 0	66.9	79.2	85.1	89.0	90.9	90.9	90.9	92.2	94.2	94.8	96.1	96.1	98.1	100.0

154

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JAN
MONTH

12
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	16.9	16.9	16.9	16.9	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
≥ 20000	18.2	18.2	18.2	18.2	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
≥ 18000	18.8	18.8	18.8	18.8	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
≥ 16000	18.8	18.8	18.8	18.8	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
≥ 14000	18.8	18.8	18.8	18.8	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
≥ 12000	18.8	18.8	18.8	18.8	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
≥ 10000	20.8	20.8	20.8	20.8	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
≥ 9000	22.1	22.1	22.1	22.1	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 8000	23.4	24.0	24.0	24.0	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 7000	32.5	33.8	33.8	33.8	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 6000	33.1	34.4	34.4	34.4	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 5000	33.1	34.4	34.4	34.4	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
4500	33.1	34.4	34.4	34.4	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
4000	37.0	38.3	38.3	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
3500	40.3	42.2	42.2	42.2	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
3000	47.4	50.7	50.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
2500	47.4	52.6	53.3	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
2000	54.6	61.0	62.3	62.3	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
1800	56.5	63.6	64.9	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
1500	62.3	72.7	74.7	74.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
1200	63.6	75.3	77.3	77.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
1000	63.6	77.3	79.2	79.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
900	63.6	77.3	79.2	79.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
800	64.3	78.6	80.5	80.5	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
700	64.3	79.2	81.2	81.2	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
600	64.3	79.2	81.2	81.2	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
500	64.3	79.9	82.5	82.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
400	64.3	79.9	82.5	82.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
300	64.3	79.9	82.5	82.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
200	64.3	79.9	82.5	82.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
100	64.3	79.9	82.5	82.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
0	64.3	79.9	82.5	82.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0

TOTAL NUMBER OF OBSERVATIONS

154

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
≥ 20000	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
≥ 18000	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
≥ 16000	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
≥ 14000	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 12000	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 10000	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 9000	24.0	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 8000	28.6	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
≥ 7000	36.4	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 6000	37.7	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 5000	37.7	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 4500	37.7	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 4000	42.9	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 3500	44.2	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 3000	46.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2500	47.4	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 2000	57.1	65.6	65.6	65.6	66.2	66.2	66.2	66.2	66.2	66.9	66.9	66.9	66.9	66.9	66.9
≥ 1800	57.8	66.9	66.9	66.9	67.5	67.5	67.5	67.5	67.5	68.2	68.2	68.2	68.2	68.2	68.2
≥ 1500	61.0	73.4	74.7	74.7	75.3	75.3	75.3	75.3	75.3	76.0	76.0	76.0	76.0	76.0	76.0
≥ 1200	62.3	77.3	78.6	78.6	81.2	81.2	81.2	81.2	81.2	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1000	63.6	79.9	81.8	82.5	85.1	85.1	85.1	85.1	85.1	86.4	86.4	86.4	86.4	86.4	86.4
≥ 900	63.6	79.9	81.8	83.1	85.7	85.7	85.7	85.7	85.7	87.0	87.0	87.0	87.0	87.0	87.0
≥ 800	63.6	79.9	82.5	83.8	87.0	87.0	87.0	87.0	87.0	88.3	88.3	88.3	88.3	88.3	88.3
≥ 700	63.6	80.5	83.8	85.1	88.3	88.3	88.3	88.3	88.3	90.9	90.9	90.9	90.9	90.9	90.9
≥ 600	63.6	81.2	84.4	85.7	89.0	89.0	89.0	89.0	89.0	92.2	92.2	92.2	92.2	92.2	92.2
≥ 500	63.6	81.2	84.4	86.4	90.9	90.9	90.9	90.9	90.9	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	63.6	81.2	84.4	86.4	90.9	90.9	90.9	90.9	90.9	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	63.6	81.2	84.4	86.4	90.9	90.9	90.9	90.9	90.9	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	63.6	81.2	84.4	86.4	90.9	90.9	90.9	90.9	90.9	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	63.6	81.2	84.4	86.4	90.9	90.9	90.9	90.9	90.9	96.1	96.1	96.1	96.1	96.1	96.1
≥ 0	63.6	81.2	84.4	86.4	90.9	90.9	90.9	90.9	90.9	96.1	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS

154

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	
≥ 20000	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	
≥ 18000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	
≥ 16000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	
≥ 14000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	
≥ 12000	21.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	
≥ 10000	21.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	
≥ 9000	21.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	
≥ 8000	24.5	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	
≥ 7000	32.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	
≥ 6000	35.5	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	
≥ 5000	35.5	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	
≥ 4500	35.5	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	
≥ 4000	39.4	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	
≥ 3500	40.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	
≥ 3000	44.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	
≥ 2500	50.3	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	
≥ 2000	56.1	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
≥ 1800	56.1	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
≥ 1500	60.7	72.3	74.8	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	
≥ 1200	60.7	74.2	78.1	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
≥ 1000	62.6	78.7	82.6	83.2	84.5	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	
≥ 900	62.6	79.4	83.2	83.9	85.2	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	
≥ 800	63.2	80.7	85.2	85.8	87.7	87.7	87.7	87.7	87.7	89.0	89.0	89.0	89.0	89.0	89.0	
≥ 700	63.2	80.7	85.2	85.8	88.4	88.4	88.4	88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7	
≥ 600	63.2	80.7	85.2	85.8	88.4	88.4	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	
≥ 500	63.2	80.7	85.2	85.8	88.4	88.4	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	
≥ 400	63.2	80.7	85.2	86.5	89.0	89.0	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	
≥ 300	63.2	80.7	85.2	86.5	89.0	89.0	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	
≥ 200	63.2	80.7	85.2	86.5	89.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	
≥ 100	63.2	80.7	85.2	86.5	89.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	
≥ 0	63.2	80.7	85.2	86.5	89.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 20000	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 18000	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 16000	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 14000	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 12000	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 10000	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 9000	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 8000	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 7000	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 6000	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 5000	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 4500	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 4000	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 3500	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 3000	47.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 2500	51.6	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 2000	60.0	67.7	68.4	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1800	60.7	68.4	69.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1500	65.2	76.1	78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	65.2	78.7	80.7	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	68.4	82.6	85.2	88.4	89.7	89.7	90.3	90.3	90.3	90.3	90.3	91.0	91.0	91.0
≥ 900	68.4	83.2	85.8	89.0	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.6	91.6	91.6
≥ 800	65.4	83.2	86.5	89.7	91.0	91.0	91.6	91.6	91.6	91.6	91.6	92.3	92.3	92.3
≥ 700	68.4	83.2	86.5	90.3	91.6	91.6	92.3	92.3	92.3	92.3	92.3	93.6	93.6	93.6
≥ 600	68.4	83.2	86.5	90.3	91.6	91.6	92.3	92.3	92.3	92.3	92.3	94.2	94.2	94.2
≥ 500	68.4	83.2	86.5	90.3	92.3	92.3	93.6	93.6	93.6	93.6	93.6	94.8	94.8	94.8
≥ 400	68.4	83.2	86.5	90.3	92.3	92.3	93.6	93.6	93.6	93.6	93.6	96.1	96.1	96.1
≥ 300	68.4	83.2	86.5	91.0	92.9	92.9	94.8	94.8	94.8	94.8	94.8	97.4	97.4	97.4
≥ 200	68.4	83.2	86.5	91.0	92.9	92.9	94.8	94.8	94.8	94.8	94.8	98.1	98.1	98.1
≥ 100	68.4	83.2	86.5	91.0	92.9	92.9	94.8	94.8	94.8	94.8	94.8	98.1	98.1	98.1
≥ 0	68.4	83.2	86.5	91.0	92.9	92.9	94.8	94.8	94.8	94.8	94.8	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201

STATION KEFLAVIK, ICELAND

73-77

YEARS

JAN

STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	20.0	20.1	20.1	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
≥ 20000	20.9	21.1	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 18000	21.7	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 16000	21.9	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 14000	22.3	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 12000	22.5	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 10000	23.1	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 9000	23.8	24.2	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
≥ 8000	26.6	27.4	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 7000	34.9	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 6000	35.5	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 5000	35.6	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 4500	35.7	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 4000	38.8	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 3500	41.2	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 3000	45.9	48.4	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 2500	50.6	55.4	56.0	56.0	56.1	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 2000	58.6	66.3	67.2	67.6	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1800	59.1	67.2	68.2	68.7	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 1500	64.0	74.9	77.1	78.0	78.8	78.9	79.2	79.3	79.3	79.5	79.5	79.5	79.5	79.6	79.6
≥ 1200	64.8	77.2	80.0	81.4	82.7	82.8	83.2	83.3	83.3	83.7	83.8	83.8	83.9	84.0	84.0
≥ 1000	66.5	80.3	83.7	85.6	86.9	87.0	87.6	87.8	87.8	88.4	88.5	88.5	88.7	89.0	89.0
≥ 900	66.5	81.0	84.6	86.5	88.0	88.1	88.7	88.9	88.9	89.5	89.6	89.6	89.9	90.1	90.1
≥ 800	66.7	81.6	85.6	87.6	89.4	89.5	90.0	90.4	90.4	91.2	91.2	91.2	91.5	91.8	91.8
≥ 700	66.7	81.8	85.9	88.0	90.0	90.2	91.0	91.5	91.5	92.4	92.5	92.5	92.9	93.2	93.2
≥ 600	66.7	81.8	86.1	88.2	90.3	90.5	91.6	92.1	92.1	93.1	93.3	93.3	93.6	93.9	93.9
≥ 500	66.7	81.9	86.3	88.6	90.9	91.2	92.4	93.1	93.2	94.6	95.0	95.0	95.5	95.8	95.8
≥ 400	66.7	81.9	86.3	88.7	91.2	91.4	92.9	93.8	93.8	95.4	95.9	95.9	96.4	97.1	97.1
≥ 300	66.7	81.9	86.3	88.8	91.2	91.5	93.0	94.0	94.1	95.8	96.4	96.4	97.2	97.7	98.5
≥ 200	66.7	81.9	86.3	88.8	91.3	91.6	93.1	94.1	94.2	95.9	96.6	96.6	97.6	98.1	98.9
≥ 100	66.7	81.9	86.3	88.8	91.3	91.6	93.1	94.1	94.2	95.9	96.6	96.6	97.6	98.1	99.1
≥ 0	66.7	81.9	86.3	88.8	91.3	91.6	93.1	94.1	94.2	95.9	96.6	96.6	97.6	98.1	99.3

TOTAL NUMBER OF OBSERVATIONS

1233

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	25.5
≥ 20000	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	26.2
≥ 18000	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	27.0
≥ 16000	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	27.0
≥ 14000	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	27.0
≥ 12000	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	27.0
≥ 10000	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	27.0
≥ 9000	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	27.0
≥ 8000	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	30.5
≥ 7000	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.9
≥ 6000	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.9
≥ 5000	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.9
≥ 4500	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.9
≥ 4000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	42.6
≥ 3500	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	46.1
≥ 3000	49.7	51.8	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.6	55.3
≥ 2500	53.2	56.7	58.9	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	60.3	61.0
≥ 2000	60.3	66.7	68.8	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.9	71.6
≥ 1800	60.3	66.7	68.8	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.9	71.6
≥ 1500	61.7	69.5	73.1	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.9	76.6
≥ 1200	63.8	73.1	77.3	78.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	81.6	82.3
≥ 1000	65.3	75.9	81.6	84.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	90.8	91.5
≥ 900	65.3	75.9	81.6	84.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	90.8	91.5
≥ 800	65.3	77.3	84.4	87.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	94.3	95.0
≥ 700	65.3	77.3	84.4	87.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	94.3	95.0
≥ 600	65.3	78.0	85.1	88.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	95.0	95.7
≥ 500	65.3	78.0	85.1	88.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	95.0	95.7
≥ 400	65.3	78.0	85.1	88.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	95.0	95.7
≥ 300	65.3	78.0	85.1	88.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	95.0	95.7
≥ 200	65.3	78.0	85.1	88.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	95.0	95.7
≥ 100	65.3	78.0	85.1	88.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	95.0	95.7
≥ 0	65.3	78.0	85.1	88.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	95.0	95.7

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	22.0	24.1	24.8	24.8	24.8	24.8	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 20000	22.0	24.1	24.8	24.8	24.8	24.8	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 18000	22.7	24.8	25.5	25.5	25.5	25.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 16000	22.7	24.8	25.5	25.5	25.5	25.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 14000	22.7	24.8	25.5	25.5	25.5	25.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 12000	22.7	24.8	25.5	25.5	25.5	25.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 10000	22.7	24.8	25.5	25.5	25.5	25.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 9000	22.7	24.8	25.5	25.5	25.5	25.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 8000	26.2	28.4	29.1	29.1	29.1	29.1	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 7000	33.3	35.5	36.2	36.2	36.2	36.2	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 6000	33.3	35.5	36.2	36.2	36.2	36.2	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 5000	33.3	35.5	36.2	36.2	36.2	36.2	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 4500	34.8	36.9	37.6	37.6	37.6	37.6	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 4000	39.0	41.1	41.8	41.8	41.8	41.8	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 3500	44.0	46.8	47.5	47.5	47.5	47.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 3000	48.2	53.2	53.9	53.9	53.9	53.9	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 2500	49.7	57.5	60.3	60.3	60.3	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 2000	54.6	68.1	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1800	54.6	68.1	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1500	55.3	69.5	73.1	73.1	73.1	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 1200	56.7	72.3	75.9	75.9	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1000	57.5	73.8	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 900	57.5	73.8	79.4	79.4	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 800	58.2	75.2	80.9	80.9	80.9	80.9	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 700	58.2	75.2	80.9	80.9	80.9	80.9	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 600	58.2	75.2	80.9	80.9	80.9	80.9	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 500	58.2	75.2	81.6	81.6	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 400	58.2	75.2	81.6	81.6	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 300	58.2	75.2	81.6	81.6	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 200	58.2	75.2	81.6	81.6	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 100	58.2	75.2	81.6	81.6	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 0	58.2	75.2	81.6	81.6	81.6	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVY AIRCRAFT SERVICE DETACHMENT, ASHEVILLE, NC

REPLACING, ICELAND

73-77

YEARS

FEB

MONTH

06

HOURS (L.S.T.)

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	23.4	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
≥ 20000	23.4	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
AI 18000	23.4	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
AI 16000	23.4	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
AI 14000	23.4	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
AI 12000	23.4	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
AI 10000	23.4	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
AI 9000	23.4	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
AI 8000	24.8	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
AI 7000	30.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
AI 6000	30.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
AI 5000	31.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
AI 4500	33.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
AI 4000	37.6	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
AI 3500	43.3	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
AI 3000	48.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
AI 2500	54.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
AI 2000	58.2	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
AI 1800	56.2	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
AI 1500	59.6	75.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
AI 1200	60.3	79.4	80.9	82.3	83.0	83.0	83.0	83.7	83.7	83.7	83.7
AI 1000	61.0	83.0	86.5	88.7	90.1	90.8	90.8	91.5	91.5	91.5	91.5
AI 900	61.7	84.4	87.9	90.1	91.5	92.2	92.9	93.6	93.6	93.6	93.6
AI 800	61.7	84.4	87.9	90.1	91.5	92.2	92.9	93.6	93.6	93.6	93.6
AI 700	61.7	84.4	87.9	90.8	92.2	92.9	93.6	94.3	94.3	94.3	94.3
AI 600	61.7	84.4	87.9	90.8	92.2	92.9	93.6	94.3	94.3	94.3	94.3
AI 500	61.7	84.4	87.9	91.5	92.9	93.6	94.3	95.0	95.0	95.7	95.7
AI 400	61.7	84.4	87.9	91.5	93.6	94.3	95.0	95.7	95.7	97.2	97.2
AI 300	61.7	84.4	88.7	92.2	94.3	95.0	97.2	97.9	97.9	99.3	99.3
AI 200	61.7	84.4	88.7	92.2	94.3	95.0	97.2	97.9	97.9	99.3	99.3
AI 100	61.7	84.4	88.7	92.2	94.3	95.0	97.2	97.9	97.9	99.3	99.3
AI 0	61.7	84.4	88.7	92.2	94.3	95.0	97.2	97.9	97.9	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
≥ 20000	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
≥ 18000	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 16000	22.7	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 14000	22.7	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 12000	22.7	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 10000	22.7	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 9000	22.7	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 8000	25.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 7000	28.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 6000	29.1	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 5000	29.1	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 4500	29.8	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 4000	34.0	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 3500	39.0	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 3000	41.8	47.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 2500	51.8	58.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 2000	54.6	66.7	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 1800	54.6	67.4	68.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 1500	58.2	73.8	76.6	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1200	58.9	76.6	80.1	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1000	59.6	79.4	83.7	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 900	59.6	79.4	84.4	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	59.6	79.4	84.4	89.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 700	59.6	79.4	85.1	90.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600	59.6	79.4	85.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 500	60.3	80.1	86.5	92.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 400	60.3	80.1	86.5	92.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300	60.3	80.1	86.5	92.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 200	60.3	80.1	87.2	92.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 100	60.3	80.1	87.2	92.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
0	60.3	80.1	87.2	92.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3

141

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	15.6	16.3	16.3	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
≥ 20000	19.2	19.9	19.9	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
≥ 18000	21.3	22.7	22.7	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 16000	21.3	22.7	22.7	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 14000	21.3	22.7	22.7	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 12000	21.3	22.7	22.7	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 10000	21.3	22.7	22.7	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
≥ 9000	22.7	24.1	24.1	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
≥ 8000	24.1	25.5	25.5	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 7000	29.1	30.5	30.5	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 6000	30.5	31.9	31.9	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 5000	30.5	31.9	31.9	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 4500	31.2	32.6	32.6	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 4000	35.5	36.9	36.9	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 3500	35.5	38.3	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 3000	44.0	48.2	48.9	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 2500	48.2	55.3	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 2000	54.6	65.3	66.0	66.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 1800	54.6	67.4	68.1	69.5	70.9	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1500	56.7	74.5	75.9	77.3	78.7	78.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1200	56.7	75.2	78.7	80.1	83.0	83.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1000	57.5	75.9	79.4	81.6	85.1	85.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 900	57.5	75.9	79.4	81.6	85.1	85.1	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	57.5	75.9	79.4	81.6	86.5	86.5	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 700	57.5	75.9	80.1	83.0	87.9	88.7	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	57.5	75.9	80.1	83.0	87.9	88.7	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500	57.5	75.9	80.1	83.0	87.9	88.7	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	57.5	75.9	80.1	83.7	88.7	89.4	93.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 300	57.5	75.9	80.1	83.7	88.7	89.4	93.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 200	57.5	75.9	80.1	83.7	88.7	89.4	93.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 100	57.5	75.9	80.1	83.7	88.7	89.4	93.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 0	57.5	75.9	80.1	83.7	88.7	89.4	93.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7

141

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

FEB
MONTH

15

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	17.7	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
≥ 20000	19.2	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
≥ 18000	24.8	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 16000	24.8	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
≥ 14000	26.2	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 12000	27.0	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 10000	27.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 9000	28.4	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 8000	31.2	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 7000	36.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 6000	36.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 5000	38.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 4500	38.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 4000	41.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 3500	41.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 3000	45.4	47.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 2500	49.7	52.5	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 2000	55.3	61.0	61.7	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 1800	56.7	63.1	63.8	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 1500	58.9	66.7	68.8	69.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1200	61.0	70.9	73.8	75.9	78.7	78.7	79.4	79.4	79.4	80.1	80.1	80.1	80.1	80.1
≥ 1000	61.0	73.8	77.3	80.1	83.0	83.0	85.1	85.8	85.8	86.5	86.5	86.5	86.5	86.5
≥ 900	61.0	73.8	77.3	80.1	83.0	83.0	85.1	85.8	85.8	87.2	87.2	87.2	87.2	87.2
≥ 800	61.0	73.8	77.3	80.1	83.0	83.0	85.8	87.2	87.2	89.4	89.4	89.4	89.4	89.4
≥ 700	61.0	73.8	77.3	80.1	83.0	83.0	85.8	87.2	87.2	89.4	89.4	89.4	89.4	89.4
≥ 600	61.0	73.8	77.3	80.1	83.0	83.7	83.7	89.4	89.4	91.5	91.5	91.5	91.5	91.5
≥ 500	61.0	73.8	77.3	80.1	84.4	84.4	89.4	90.8	90.8	92.9	93.6	93.6	93.6	93.6
≥ 400	61.0	74.5	78.0	80.9	85.8	85.8	90.8	92.2	92.2	95.0	96.5	97.2	97.2	97.2
≥ 300	61.0	74.5	78.0	80.9	85.8	85.8	90.8	92.2	92.2	95.0	96.5	97.2	97.2	97.2
≥ 200	61.0	74.5	78.0	80.9	85.8	85.8	90.8	92.2	92.2	95.0	96.5	97.2	97.2	97.2
≥ 100	61.0	74.5	78.0	80.9	85.8	85.8	90.8	92.2	92.2	95.0	96.5	97.2	97.2	97.2
0	61.0	74.5	78.0	80.9	85.8	85.8	90.8	92.2	92.2	95.0	96.5	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	16.3	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
≥ 20000	17.7	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
≥ 18000	19.9	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
≥ 16000	19.9	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
≥ 14000	19.9	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
≥ 12000	19.9	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
≥ 10000	19.9	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 9000	20.6	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 8000	23.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
≥ 7000	30.5	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 6000	30.5	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 5000	30.5	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 4500	30.5	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 4000	34.0	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 3500	35.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 3000	39.0	44.7	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 2500	44.0	50.4	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 2000	50.4	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 1800	50.4	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 1500	53.9	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1200	54.6	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1000	54.6	79.4	82.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 900	54.6	79.4	82.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 800	54.6	80.1	83.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 700	54.6	80.1	83.7	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 600	54.6	80.1	83.7	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 500	54.6	80.1	83.7	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 400	54.6	80.1	83.7	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 300	54.6	80.1	83.7	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 200	54.6	80.1	83.7	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 100	54.6	80.1	83.7	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
0	54.6	80.1	83.7	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

FEB
MONTH

21
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	24.1	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 20000	24.8	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 18000	25.5	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 16000	25.5	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 14000	25.5	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 12000	25.5	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 10000	26.2	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 9000	26.2	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 8000	30.5	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 7000	34.0	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 6000	34.0	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 5000	34.0	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 4500	37.6	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 4000	39.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 3500	41.1	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 3000	46.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 2500	53.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2000	56.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 1800	58.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1500	56.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1200	59.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1000	59.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 900	59.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 800	59.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 700	59.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 600	59.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 500	60.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 400	60.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 300	60.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 200	60.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 100	60.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
0	60.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATIONKEFLAVIK, ICELAND
STATION NAME

73-77

STATION NAME

YEARS

FEB
MONTHALL
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	20.5	21.5	21.6	21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.9
≥ 20000	21.5	22.5	22.6	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.9
≥ 18000	23.2	24.6	24.7	24.7	24.7	24.7	24.8	24.9	24.9	24.9	24.9	24.9	24.9	25.0
≥ 16000	23.3	24.7	24.7	24.8	24.8	24.8	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.1
≥ 14000	23.5	24.8	24.9	25.0	25.0	25.0	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.3
≥ 12000	23.6	24.9	25.0	25.1	25.1	25.1	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.4
≥ 10000	23.8	25.2	25.3	25.4	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.6
≥ 9000	24.1	25.5	25.6	25.7	25.7	25.7	25.8	25.9	25.9	25.9	25.9	25.9	25.9	26.0
8000	27.0	28.7	28.8	28.9	28.9	28.9	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.2
7000	32.3	34.3	34.4	34.5	34.5	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.8
6000	32.6	34.8	34.8	34.9	34.9	34.9	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.2
5000	32.9	35.0	35.1	35.2	35.2	35.2	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.5
4500	33.5	35.6	35.7	35.8	35.8	35.8	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.1
4000	37.6	39.8	39.9	40.0	40.0	40.0	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.3
3500	40.3	43.3	43.5	43.6	43.6	43.6	43.7	43.8	43.8	43.8	43.8	43.9	43.9	44.0
3000	44.7	49.0	49.8	50.0	50.0	50.0	50.1	50.2	50.2	50.2	50.2	50.3	50.3	50.4
2500	49.7	56.2	57.5	57.6	57.6	57.6	57.7	57.9	57.9	57.9	57.9	58.0	58.0	58.1
2000	55.1	65.7	67.1	67.4	67.7	67.7	67.9	68.1	68.1	68.1	68.1	68.2	68.2	68.3
1800	55.7	67.1	68.5	69.1	69.4	69.4	69.6	69.8	69.8	69.8	69.8	69.9	69.9	70.0
1500	57.9	72.0	74.2	75.2	76.0	76.0	76.6	76.9	76.9	76.9	76.9	77.0	77.0	77.2
1200	58.9	75.1	77.9	79.4	80.6	80.6	81.4	81.7	81.7	81.7	81.8	82.1	82.1	82.3
1000	59.5	77.6	81.7	84.0	85.9	86.0	87.2	87.6	87.7	88.2	88.3	88.7	88.7	88.8
900	59.6	77.8	82.0	84.7	86.5	86.6	88.1	88.5	88.7	89.3	89.4	89.7	89.7	89.9
800	59.7	78.2	82.7	85.6	87.8	87.9	89.9	90.5	90.6	91.3	91.4	91.8	91.8	92.0
700	59.7	78.2	83.0	86.0	88.4	88.6	90.7	91.3	91.4	92.4	92.5	92.9	92.9	93.1
600	59.7	78.3	83.2	86.3	88.7	88.9	91.2	92.0	92.1	93.2	93.3	93.7	93.7	93.9
500	59.8	78.5	83.5	86.8	89.5	89.7	92.4	93.3	93.4	94.8	95.0	95.6	95.6	95.7
400	59.8	78.6	83.6	87.2	90.2	90.3	93.1	94.2	94.3	96.3	96.6	97.0	97.5	97.7
300	59.8	78.6	83.7	87.2	90.3	90.4	93.4	94.6	94.7	96.7	97.3	97.6	98.2	98.6
200	59.8	78.6	83.8	87.3	90.3	90.5	93.5	94.9	95.0	97.1	97.6	98.1	98.9	99.3
100	59.8	78.6	83.8	87.3	90.3	90.5	93.5	94.9	95.0	97.1	97.6	98.1	98.9	99.3
0	59.8	78.6	83.8	87.3	90.3	90.5	93.5	94.9	95.0	97.1	97.6	98.1	98.9	99.3

TOTAL NUMBER OF OBSERVATIONS

1128

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

MAR
MONTH

00
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	17.4	18.1	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 20000	17.4	18.1	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 18000	18.7	19.4	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 16000	18.7	19.4	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 14000	18.7	19.4	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 12000	19.4	20.0	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 10000	19.4	20.0	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 9000	19.4	20.0	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
8000	21.9	22.6	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
7000	23.9	25.2	25.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
6000	25.2	26.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
5000	25.2	26.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
4500	25.2	26.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
4000	27.7	29.7	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
3500	31.0	33.6	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
3000	38.7	43.2	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
2500	45.8	53.6	54.8	56.5	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
2000	50.3	62.6	64.5	66.5	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
1800	51.0	63.2	65.2	67.1	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1500	54.8	70.3	73.6	76.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
1200	54.8	71.0	75.5	78.1	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
1000	54.8	72.9	78.1	80.7	83.2	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
900	54.8	74.2	79.4	81.9	84.5	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
800	54.8	74.2	79.4	81.9	85.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
700	54.8	74.2	79.4	81.9	85.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
600	54.8	74.2	79.4	82.6	85.8	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
500	54.8	74.2	80.0	83.2	86.5	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
400	54.8	74.2	80.0	83.9	87.1	87.1	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
300	54.8	74.2	80.0	84.5	87.7	87.7	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
200	54.8	74.2	80.0	84.5	87.7	87.7	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
100	54.8	74.2	80.0	84.5	87.7	87.7	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
0	54.8	74.2	80.0	84.5	87.7	87.7	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

HAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 20000	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 18000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 16000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 14000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 12000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 10000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 9000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 8000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 7000	23.2	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 6000	24.5	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 5000	25.2	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 4500	25.2	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 4000	29.7	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 3500	32.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 3000	38.7	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 2500	45.2	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 2000	52.3	65.8	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1800	52.3	65.8	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1500	56.8	74.8	78.1	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200	58.1	78.1	81.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1000	58.1	78.1	83.9	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	58.1	78.1	83.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	58.1	78.7	84.5	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	58.1	80.7	86.5	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	58.1	80.7	86.5	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	58.1	80.7	86.5	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	58.1	81.3	87.1	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	58.1	81.3	87.1	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	58.1	81.3	87.1	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	58.1	81.3	87.1	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 0	58.1	81.3	87.1	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 20000	16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 18000	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 16000	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 14000	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 12000	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 10000	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 9000	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 8000	21.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 7000	24.5	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 6000	26.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 5000	27.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 4500	27.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 4000	31.0	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 3500	33.6	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 3000	39.4	44.5	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 2500	45.8	53.6	54.8	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 2000	52.3	60.0	61.3	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 1800	52.9	60.7	63.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1500	56.8	67.7	70.3	72.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1200	57.4	69.7	73.6	78.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1000	57.4	70.3	74.8	80.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 900	57.4	70.3	74.8	80.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 800	58.1	71.6	76.8	82.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 700	58.1	71.6	76.8	83.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 600	58.1	72.3	77.4	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 500	58.1	72.3	77.4	84.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 400	58.7	73.6	78.7	85.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 300	58.7	73.6	78.7	85.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 200	58.7	73.6	78.7	85.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 100	58.7	73.6	78.7	85.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 0	58.7	73.6	78.7	85.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

10201

STATION NAME
KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	15.5	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 20000	15.5	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 18000	15.5	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 16000	16.1	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 14000	16.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 12000	17.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 10000	17.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 9000	17.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 8000	20.0	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 7000	23.2	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 6000	25.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 5000	27.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 4500	27.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 4000	32.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 3500	33.6	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 3000	36.8	45.2	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 2500	44.5	56.1	56.1	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 2000	46.4	61.3	61.9	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 1800	49.0	61.9	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 1500	52.3	69.7	71.0	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1200	52.9	72.3	73.6	78.1	80.0	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3
≥ 1000	53.6	74.8	77.4	82.6	86.5	87.1	87.1	87.1	87.1	87.1	87.7	87.7	87.7	87.7
≥ 900	53.6	74.8	78.1	83.9	87.7	88.4	88.4	88.4	88.4	88.4	89.0	89.0	89.0	89.0
≥ 800	54.2	76.8	80.0	85.8	89.7	90.3	90.3	90.3	90.3	90.3	91.6	91.6	92.3	92.3
≥ 700	54.2	76.8	80.0	87.1	91.6	92.3	92.3	92.3	92.3	92.3	93.6	93.6	94.2	94.2
≥ 600	54.2	77.4	80.7	87.7	92.3	92.9	92.9	92.9	92.9	92.9	94.2	94.2	94.8	94.8
≥ 500	54.2	77.4	80.7	87.7	92.9	93.6	94.2	94.2	94.2	94.2	95.5	95.5	96.1	96.1
≥ 400	54.2	77.4	80.7	87.7	92.9	93.6	94.2	94.2	94.2	94.2	95.5	95.5	96.1	96.1
≥ 300	54.2	77.4	80.7	88.4	93.6	94.2	94.8	94.8	94.8	94.8	96.8	96.8	97.4	97.4
≥ 200	54.2	77.4	80.7	88.4	93.6	94.2	94.8	94.8	94.8	94.8	97.4	97.4	99.4	99.4
≥ 100	54.2	77.4	80.7	88.4	93.6	94.2	94.8	94.8	94.8	94.8	97.4	97.4	99.4	99.4
0	54.2	77.4	80.7	88.4	93.6	94.2	94.8	94.8	94.8	94.8	97.4	97.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201

STATION KEFLAVIK, ICELAND

73-77

YEARS

MAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	13.6	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 20000	13.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 18000	17.4	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 16000	18.1	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 14000	18.1	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 12000	18.1	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 10000	18.1	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 9000	18.1	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 8000	19.4	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 7000	20.7	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 6000	21.3	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 5000	21.3	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 4500	21.3	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 4000	27.7	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 3500	29.7	35.5	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 3000	34.2	43.9	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 2500	41.9	54.2	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 2000	44.5	60.7	61.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 1800	44.5	61.3	63.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 1500	48.4	72.9	77.4	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	48.4	75.5	80.7	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	48.4	79.4	85.2	89.7	91.6	91.6	92.3	92.3	92.3	92.9	92.9	93.6	93.6	93.6
≥ 900	48.4	79.4	85.2	90.3	92.3	92.3	92.9	92.9	92.9	93.6	93.6	94.2	94.2	94.2
≥ 800	49.0	80.0	85.8	91.0	92.9	92.9	93.6	93.6	93.6	94.2	94.8	95.5	95.5	95.5
≥ 700	49.0	80.0	85.8	91.0	92.9	92.9	93.6	93.6	93.6	94.2	94.8	95.5	95.5	95.5
≥ 600	49.0	80.0	85.8	91.0	93.6	93.6	94.2	94.2	94.2	94.8	95.5	95.5	95.5	95.5
≥ 500	49.0	80.0	85.8	91.0	93.6	93.6	94.2	94.2	94.2	94.8	95.5	95.5	95.5	95.5
≥ 400	49.0	80.7	86.5	91.6	94.2	94.2	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1
≥ 300	49.0	80.7	86.5	91.6	94.2	94.2	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8
≥ 200	49.0	80.7	86.5	91.6	94.2	94.2	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8
≥ 100	49.0	80.7	86.5	91.6	94.2	94.2	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8
≥ 0	49.0	80.7	86.5	91.6	94.2	94.2	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

CEILING VERSUS VISIBILITY

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 20000	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 18000	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 16000	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 14000	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 12000	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 10000	18.1	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 9000	18.7	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 8000	20.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 7000	23.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 6000	23.9	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 5000	23.9	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 4500	24.5	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 4000	28.4	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 3500	33.6	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 3000	38.7	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 2500	45.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 2000	50.3	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 1800	51.0	69.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1500	52.3	74.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1200	52.3	76.8	79.4	81.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	52.3	78.7	83.2	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	52.3	78.7	83.2	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	52.3	78.7	83.2	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	52.3	78.7	83.2	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	52.3	78.7	83.2	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	52.3	78.7	83.9	87.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 400	52.3	78.7	83.9	87.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 300	52.3	78.7	83.9	87.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 200	52.3	78.7	83.9	87.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 100	52.3	78.7	83.9	87.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 0	52.3	78.7	83.9	87.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.2	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 20000	14.2	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 18000	15.5	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 16000	15.5	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 14000	15.5	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 12000	15.5	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 10000	15.5	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 9000	16.1	18.1	18.1	18.1	18.1	16.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 8000	19.4	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 7000	22.6	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 6000	23.9	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 5000	23.9	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 4500	24.5	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 4000	28.4	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 3500	29.7	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 3000	31.6	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 2500	35.1	45.8	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 2000	43.2	54.8	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1800	43.9	56.8	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1500	47.7	63.9	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1200	48.4	66.5	74.2	76.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1000	49.0	69.7	78.7	80.7	83.9	84.5	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	49.0	69.7	78.7	80.7	84.5	85.2	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	49.0	70.3	79.4	82.6	86.5	87.1	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	49.0	71.0	80.0	83.2	87.1	87.7	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	49.0	72.3	81.3	84.5	88.4	89.0	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	49.0	72.3	81.3	84.5	89.7	90.3	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	49.0	72.3	81.3	85.2	90.3	91.0	96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	49.0	72.3	81.3	85.2	90.3	91.0	96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	49.0	72.3	81.3	85.2	90.3	91.0	96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	49.0	72.3	81.3	85.2	90.3	91.0	96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	49.0	72.3	81.3	85.2	90.3	91.0	96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

UNCLASSIFIED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) KEFLAVIK--ETC(U)
JUL 78

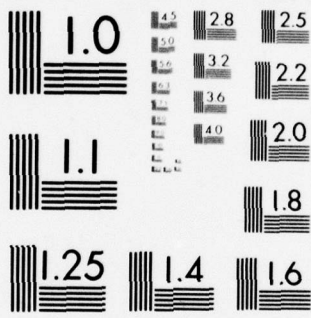
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3 OF 4

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	11.6	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 20000	11.6	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 18000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 16000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 14000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 12000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 10000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 9000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 8000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 7000	21.3	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 6000	21.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 5000	22.6	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 4500	22.6	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 4000	28.4	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 3500	31.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 3000	35.5	39.4	40.0	40.7	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 2500	39.4	47.1	48.4	49.0	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 2000	43.9	54.8	56.8	58.1	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 1800	45.2	57.4	59.4	61.3	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 1500	48.4	64.5	67.7	71.6	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1200	48.4	65.8	69.7	74.2	75.5	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1000	49.7	71.6	76.1	81.3	83.2	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 900	49.7	72.3	76.8	81.9	83.9	83.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 800	49.7	72.9	77.4	83.2	86.5	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 700	49.7	73.6	78.1	83.9	87.7	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 600	49.7	73.6	78.1	83.9	87.7	88.4	90.3	90.3	90.3	90.3	90.3	91.0	91.0	91.0
≥ 500	50.3	74.2	78.7	84.5	89.0	89.7	92.9	93.6	93.6	93.6	93.6	94.2	94.2	94.2
≥ 400	50.3	75.5	80.0	85.8	90.3	91.0	94.8	95.5	95.5	95.5	95.5	96.1	96.1	96.1
≥ 300	50.3	75.5	80.0	85.8	90.3	91.0	94.8	95.5	95.5	95.5	96.1	96.8	96.8	96.8
≥ 200	50.3	75.5	80.0	85.8	90.3	91.0	94.8	95.5	95.5	96.8	96.8	97.4	97.4	97.4
≥ 100	50.3	75.5	80.0	85.8	90.3	91.0	94.8	95.5	95.5	96.8	96.8	97.4	98.1	98.7
≥ 0	50.3	75.5	80.0	85.8	90.3	91.0	94.8	95.5	95.5	96.8	96.8	97.4	98.1	98.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	15.2	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 20000	15.2	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 18000	17.3	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
≥ 16000	17.4	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
≥ 14000	17.6	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥ 12000	17.7	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 10000	17.9	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
≥ 9000	18.1	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥ 8000	19.8	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 7000	22.8	25.3	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 6000	24.0	27.3	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 5000	24.5	27.8	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 4500	24.7	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 4000	29.2	33.2	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 3500	31.9	36.2	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 3000	36.7	43.0	43.5	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 2500	43.1	52.8	53.8	54.5	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 2000	48.2	60.8	62.5	63.6	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 1800	48.7	62.0	64.1	65.2	65.8	65.8	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1500	52.2	69.8	73.2	75.7	77.1	77.1	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1200	52.6	71.9	76.1	79.4	81.1	81.2	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1000	52.9	74.4	79.7	83.8	86.3	86.5	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	52.9	74.7	80.0	84.3	86.9	87.1	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	53.2	75.4	80.8	85.5	88.5	88.6	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	53.2	75.8	81.2	86.1	89.4	89.5	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 600	53.2	76.1	81.5	86.6	89.9	90.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 500	53.2	76.2	81.8	87.0	90.7	91.0	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	53.3	76.7	82.3	87.7	91.6	91.9	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 300	53.3	76.7	82.3	87.8	91.9	92.1	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	53.3	76.7	82.3	87.8	91.9	92.2	95.3	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 100	53.3	76.7	82.3	87.8	91.9	92.2	95.3	96.2	96.3	96.3	96.3	96.3	96.3	96.3
0	53.3	76.7	82.3	87.8	91.9	92.2	95.3	96.2	96.3	96.3	96.3	96.3	96.3	96.3

1240

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	8.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.7	12.7	12.7	12.7	12.7
≥ 20000	8.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.7	12.7	12.7	12.7	12.7
≥ 18000	10.0	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	14.0	14.0	14.0	14.0	14.0
≥ 16000	10.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.7	14.7	14.7	14.7	14.7
≥ 14000	10.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.7	14.7	14.7	14.7	14.7
≥ 12000	10.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.7	14.7	14.7	14.7	14.7
≥ 10000	10.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.7	14.7	14.7	14.7	14.7
≥ 9000	10.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.7	14.7	14.7	14.7	14.7
≥ 8000	11.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	15.3	15.3	15.3	15.3	15.3
≥ 7000	14.0	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	18.0	18.0	18.0	18.0	18.0
≥ 6000	14.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.7	18.7	18.7	18.7	18.7
≥ 5000	14.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	19.3	19.3	19.3	19.3	19.3
≥ 4500	15.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	20.0	20.0	20.0	20.0	20.0
≥ 4000	18.7	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	26.0	26.0	26.0	26.0	26.0
≥ 3500	20.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.7	28.7	28.7	28.7	28.7
≥ 3000	24.0	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	33.3	33.3	33.3	33.3	33.3
≥ 2500	30.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	42.0	42.0	42.0	42.0	42.0
≥ 2000	36.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0	54.0	54.0	54.0
≥ 1800	37.3	54.0	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0
≥ 1500	42.7	62.7	64.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0
≥ 1200	42.7	64.0	65.3	66.7	68.0	68.0	68.0	68.7	68.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3
≥ 1000	43.3	66.0	67.3	70.0	72.0	72.0	72.0	72.7	72.7	72.7	72.7	73.3	73.3	73.3	73.3	73.3
≥ 900	43.3	66.0	67.3	70.0	72.0	72.0	72.0	72.7	72.7	72.7	72.7	73.3	73.3	73.3	73.3	73.3
≥ 800	44.0	68.0	70.7	73.3	75.3	76.0	76.7	77.3	77.3	77.3	77.3	78.0	78.7	78.7	78.7	78.7
≥ 700	44.0	68.7	71.3	74.0	76.0	76.7	78.7	79.3	79.3	79.3	79.3	80.0	80.7	80.7	80.7	80.7
≥ 600	44.7	69.3	72.0	75.3	78.0	78.7	80.7	81.3	81.3	81.3	81.3	82.0	82.7	82.7	82.7	82.7
≥ 500	46.0	71.3	74.0	78.0	80.7	81.3	84.0	84.7	84.7	85.3	85.3	86.0	86.7	86.7	86.7	86.7
≥ 400	46.0	71.3	74.7	79.3	82.7	83.3	87.3	88.0	88.0	88.7	88.7	89.3	90.0	90.0	90.0	90.0
≥ 300	46.0	71.3	74.7	79.3	82.7	83.3	89.3	90.7	90.7	91.3	92.0	92.7	94.7	94.7	94.7	94.7
≥ 200	46.0	71.3	74.7	79.3	82.7	83.3	89.3	90.7	91.3	92.0	93.3	94.0	96.7	96.7	96.7	96.7
≥ 100	46.0	71.3	74.7	79.3	82.7	83.3	89.3	90.7	91.3	92.0	93.3	94.0	96.7	96.7	97.3	98.0
0	46.0	71.3	74.7	79.3	82.7	83.3	89.3	90.7	91.3	92.0	93.3	94.0	97.3	98.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	8.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 20000	8.7	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
≥ 18000	9.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 16000	9.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 14000	9.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 12000	9.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 10000	9.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 9000	9.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
8000	10.7	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
7000	12.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
6000	12.0	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
5000	12.7	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
4500	12.7	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
4000	16.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
3500	18.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
3000	23.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
2500	30.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
2000	35.3	57.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
1800	36.7	58.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
1500	40.0	63.3	64.0	65.3	65.3	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
1200	40.0	63.3	64.0	65.3	65.3	65.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
1000	42.0	66.7	67.3	68.7	68.7	68.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
900	42.7	67.3	68.0	69.3	69.3	69.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
800	43.3	68.0	70.0	71.3	71.3	71.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
700	44.7	69.3	71.3	74.0	75.3	75.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
600	44.7	70.0	72.7	75.3	76.7	76.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
500	45.3	71.3	74.7	77.3	78.7	78.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
400	45.3	71.3	76.0	78.7	81.3	81.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
300	45.3	72.0	76.7	80.0	84.7	84.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
200	45.3	72.0	76.7	80.0	85.3	85.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
100	46.0	72.7	77.3	80.7	86.0	86.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
0	46.0	72.7	77.3	80.7	86.0	86.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.3	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 20000	11.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
≥ 18000	12.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 16000	14.0	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 14000	14.0	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 12000	14.0	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 10000	14.0	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 9000	14.0	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 8000	14.7	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 7000	16.7	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 6000	17.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 5000	18.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 4500	18.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 4000	22.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 3500	24.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 3000	27.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 2500	32.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 2000	39.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1800	39.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1500	42.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1200	44.0	64.7	67.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1000	46.0	67.3	70.0	72.7	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 900	46.0	67.3	70.0	72.7	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 800	46.0	69.3	72.7	76.0	76.7	76.7	76.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0
≥ 700	46.0	69.3	74.0	77.3	78.0	78.7	78.7	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0
≥ 600	46.0	70.7	75.3	78.7	79.3	80.0	80.0	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3
≥ 500	46.0	70.7	76.0	79.3	80.7	81.3	81.3	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7
≥ 400	46.7	72.0	78.0	81.3	82.7	83.3	83.3	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 300	46.7	72.0	78.0	81.3	83.3	84.0	84.0	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7
≥ 200	46.7	72.0	78.0	81.3	83.3	84.0	84.0	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7
≥ 100	46.7	72.0	78.0	81.3	83.3	84.0	84.0	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7
0	46.7	72.0	78.0	81.3	83.3	84.0	84.0	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
≥ 20000	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 18000	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 16000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 14000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 12000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 10000	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 9000	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 8000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 7000	20.7	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 6000	20.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 5000	21.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 4500	21.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 4000	25.3	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 3500	25.3	29.3	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 3000	30.0	34.7	35.3	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 2500	36.7	45.3	46.0	46.7	48.7	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 2000	41.3	52.0	53.3	54.0	54.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 1800	42.0	52.7	54.0	54.7	54.7	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 1500	46.0	61.3	63.3	64.0	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 1200	48.0	64.0	66.7	68.7	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1000	50.0	68.0	71.3	74.0	74.7	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 900	50.0	68.0	72.0	75.3	76.0	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 800	50.0	68.7	73.3	76.7	77.3	77.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 700	50.0	69.3	74.0	77.3	78.0	78.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 600	50.0	70.0	74.7	78.0	78.0	80.0	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 500	50.0	70.0	74.7	78.0	81.3	81.3	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 400	50.0	70.7	75.3	79.3	83.3	83.3	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 300	50.0	70.7	76.0	80.0	84.7	84.7	88.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 200	50.0	70.7	76.0	80.0	84.7	84.7	88.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 100	50.0	70.7	76.0	80.0	84.7	84.7	88.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
0	50.0	70.7	76.0	80.0	84.7	84.7	88.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 20000	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 18000	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 16000	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 14000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 12000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 10000	19.3	19.3	19.3	19.3	19.3	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 9000	19.3	19.3	19.3	19.3	19.3	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 8000	21.3	21.3	21.3	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7	22.7	22.7
≥ 7000	21.3	21.3	21.3	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7	22.7	22.7
≥ 6000	21.3	21.3	21.3	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7	22.7	22.7
≥ 5000	21.3	21.3	21.3	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7	22.7	22.7
≥ 4500	22.0	22.0	22.0	22.0	22.0	22.0	22.7	23.3	23.3	23.3	23.3	23.3	23.3
≥ 4000	25.3	25.3	25.3	25.3	25.3	25.3	26.0	26.7	26.7	26.7	26.7	26.7	26.7
≥ 3500	27.3	28.0	28.0	28.0	28.0	28.0	28.7	29.3	29.3	29.3	29.3	29.3	29.3
≥ 3000	31.3	33.3	33.3	33.3	33.3	33.3	34.0	34.7	34.7	34.7	34.7	34.7	34.7
≥ 2500	40.0	45.3	45.3	45.3	45.3	45.3	46.0	46.7	46.7	46.7	46.7	46.7	46.7
≥ 2000	43.3	52.7	52.7	53.3	53.3	53.3	54.0	54.7	54.7	54.7	54.7	54.7	54.7
≥ 1800	44.7	54.7	54.7	55.3	56.0	56.0	56.7	57.3	57.3	57.3	57.3	57.3	57.3
≥ 1500	46.7	60.7	62.0	62.7	64.7	64.7	65.3	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1200	48.0	63.3	64.7	66.0	69.3	69.3	70.7	72.0	72.0	72.0	72.0	72.0	72.0
≥ 1000	50.0	68.0	70.7	73.3	77.3	77.3	78.7	80.0	80.0	80.0	80.0	80.0	80.0
≥ 900	50.0	68.0	70.7	74.0	78.0	78.0	79.3	80.7	80.7	80.7	80.7	80.7	80.7
≥ 800	50.0	68.0	71.3	74.7	78.7	78.7	80.0	81.3	81.3	81.3	81.3	81.3	81.3
≥ 700	50.0	68.7	72.0	75.3	79.3	79.3	80.7	82.0	82.0	82.0	82.0	82.0	82.0
≥ 600	50.7	70.0	73.3	76.7	81.3	82.0	83.3	84.7	84.7	84.7	84.7	84.7	84.7
≥ 500	50.7	71.3	74.7	78.0	83.3	84.0	85.3	86.7	86.7	86.7	86.7	86.7	86.7
≥ 400	50.7	72.0	75.3	78.7	84.7	85.3	86.7	88.0	88.0	88.0	88.0	88.0	88.0
≥ 300	50.7	72.0	76.0	80.7	86.7	87.3	88.7	90.0	90.0	90.0	90.0	90.0	90.0
≥ 200	50.7	72.0	76.0	80.7	86.7	87.3	89.3	90.7	90.7	91.3	92.0	93.3	94.0
≥ 100	50.7	72.0	76.0	80.7	86.7	87.3	89.3	90.7	90.7	92.0	92.7	94.0	95.3
0	50.7	72.0	76.0	80.7	86.7	87.3	89.3	90.7	90.7	92.0	92.7	94.0	96.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
≥ 20000	11.3	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 18000	12.7	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
≥ 16000	14.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 14000	14.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 12000	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 10000	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 9000	15.3	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 8000	18.7	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 7000	20.7	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 6000	21.3	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 5000	21.3	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 4500	22.7	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 4000	24.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 3500	30.7	35.3	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 3000	36.0	42.0	43.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 2500	41.3	50.0	51.3	52.7	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 2000	42.7	52.7	54.0	55.3	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 1800	48.7	60.7	62.7	64.0	64.7	64.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1500	50.0	64.7	66.7	68.0	68.7	68.7	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 1200	52.0	68.7	70.7	73.3	74.0	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 1000	52.0	68.7	70.7	73.3	74.0	74.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 900	52.7	69.3	72.0	74.7	76.0	76.0	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 800	52.7	69.3	72.0	74.7	76.0	76.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 700	52.7	72.7	75.3	79.3	81.3	81.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 600	52.7	73.3	76.7	80.7	83.3	83.3	86.7	88.7	88.7	88.7	89.3	89.3	89.3	89.3
≥ 500	52.7	74.7	78.7	83.3	86.0	86.0	90.7	92.7	92.7	93.3	93.3	93.3	93.3	93.3
≥ 400	52.7	74.7	78.7	83.3	86.0	86.0	90.7	92.7	92.7	93.3	94.0	94.0	94.0	94.0
≥ 300	52.7	74.7	78.7	83.3	86.0	86.0	90.7	92.7	92.7	93.3	94.7	94.7	94.7	94.7
≥ 200	52.7	74.7	78.7	83.3	86.0	86.0	90.7	92.7	92.7	93.3	94.7	94.7	94.7	94.7
≥ 100	52.7	74.7	78.7	83.3	86.0	86.0	90.7	92.7	92.7	93.3	94.7	94.7	94.7	94.7
≥ 0	52.7	74.7	78.7	83.3	86.0	86.0	90.7	92.7	92.7	93.3	94.7	94.7	94.7	94.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201 STATION KEFLAVIK, ICELAND 73-77 YEARS MONTH APR 18 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 20000	10.7	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
≥ 18000	11.3	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 16000	12.0	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 14000	12.0	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 12000	12.7	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
≥ 10000	12.7	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
≥ 9000	12.7	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
≥ 8000	13.3	14.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 7000	16.7	18.0	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 6000	17.3	18.7	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 5000	18.0	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 4500	18.0	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 4000	18.7	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 3500	18.7	23.3	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 3000	23.3	30.0	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 2500	32.0	40.7	41.3	41.3	41.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 2000	40.7	53.3	54.7	54.7	54.7	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 1800	42.7	55.3	56.7	56.7	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 1500	46.0	63.3	64.7	64.7	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 1200	51.3	66.7	68.7	69.3	70.0	70.0	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1000	53.3	72.0	74.7	75.3	76.0	76.0	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 900	53.3	72.7	75.3	76.0	76.7	76.7	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 800	53.3	73.3	77.3	79.3	80.0	80.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 700	53.3	74.0	78.0	80.7	81.3	81.3	83.3	84.0	84.0	85.3	85.3	85.3	85.3	85.3
≥ 600	53.3	74.0	78.0	80.7	81.3	81.3	84.0	84.7	84.7	86.0	86.0	86.0	86.0	86.0
≥ 500	53.3	76.0	80.0	82.7	83.3	83.3	86.7	87.3	87.3	88.7	88.7	88.7	88.7	88.7
≥ 400	54.0	77.3	81.3	84.0	85.3	85.3	88.7	89.3	89.3	91.3	91.3	92.0	92.0	92.0
≥ 300	54.0	77.3	81.3	84.0	85.3	86.0	90.0	90.7	90.7	92.7	92.7	93.3	93.3	93.3
≥ 200	54.0	77.3	81.3	84.0	85.3	86.0	90.7	91.3	91.3	93.3	93.3	94.7	94.7	94.7
≥ 100	54.0	77.3	81.3	84.0	85.3	86.0	90.7	91.3	92.0	94.0	94.0	95.3	95.3	95.3
0	54.0	77.3	81.3	84.0	85.3	86.0	90.7	91.3	92.0	94.0	94.0	95.3	95.3	96.7

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	10.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 20000	11.3	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 18000	13.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 16000	13.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 14000	13.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 12000	13.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 10000	13.3	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 9000	14.0	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 8000	14.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 7000	18.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 6000	18.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 5000	18.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 4500	18.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 4000	22.7	28.7	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 3500	24.7	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 3000	27.3	36.0	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 2500	32.7	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 2000	40.0	55.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 1800	40.7	56.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 1500	42.7	60.7	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 1200	42.7	62.7	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 1000	43.3	65.3	72.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 900	44.0	66.0	72.7	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 800	44.7	66.7	74.0	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 700	45.3	68.0	76.0	80.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 600	45.3	68.7	76.7	81.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 500	45.3	68.7	77.3	82.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 400	45.3	69.3	78.0	82.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 300	45.3	69.3	78.0	82.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 200	45.3	69.3	78.0	83.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 100	45.3	69.3	78.0	83.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 0	45.3	69.3	78.0	83.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATION

KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	10.6	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.9	11.9	11.9
≥ 20000	11.2	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
≥ 18000	12.7	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.5	14.5	14.5
≥ 16000	13.3	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.1	15.1	15.1
≥ 14000	13.3	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2
≥ 12000	13.6	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.4	15.4	15.4
≥ 10000	13.7	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.7	15.7	15.7
≥ 9000	13.8	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.8	15.8	15.8
≥ 8000	15.4	17.3	17.4	17.4	17.4	17.4	17.4	17.5	17.6	17.6	17.6	17.7	17.7	17.7
≥ 7000	17.5	19.9	20.0	20.0	20.0	20.0	20.0	20.1	20.2	20.2	20.2	20.3	20.3	20.3
≥ 6000	17.8	20.4	20.5	20.5	20.5	20.5	20.5	20.6	20.7	20.7	20.7	20.8	20.8	20.8
≥ 5000	18.2	21.0	21.1	21.1	21.1	21.1	21.1	21.2	21.3	21.3	21.3	21.3	21.3	21.3
≥ 4500	18.3	21.3	21.4	21.4	21.4	21.4	21.4	21.5	21.6	21.6	21.6	21.7	21.7	21.7
≥ 4000	21.5	25.8	26.0	26.0	26.0	26.0	26.0	26.1	26.2	26.2	26.2	26.3	26.3	26.3
≥ 3500	23.0	28.3	28.5	28.5	28.5	28.5	28.5	28.6	28.7	28.7	28.7	28.8	28.8	28.8
≥ 3000	27.2	34.1	34.4	34.4	34.4	34.4	34.4	34.7	34.8	34.8	34.8	34.9	34.9	34.9
≥ 2500	33.8	43.5	43.9	44.2	44.2	44.2	44.2	44.4	44.5	44.5	44.5	44.6	44.6	44.6
≥ 2000	39.8	53.7	54.5	55.0	55.1	55.1	55.1	55.4	55.5	55.5	55.5	55.6	55.6	55.6
≥ 1800	40.8	55.1	56.1	56.6	56.8	56.8	57.1	57.2	57.2	57.2	57.2	57.3	57.3	57.3
≥ 1500	44.7	61.9	63.6	64.7	65.2	65.2	65.8	66.0	66.0	66.0	66.0	66.1	66.1	66.1
≥ 1200	45.8	64.2	66.4	67.8	68.8	68.8	69.5	69.9	69.9	69.9	69.9	70.0	70.0	70.0
≥ 1000	47.5	67.8	70.5	72.7	73.8	73.8	74.7	75.2	75.2	75.2	75.2	75.3	75.3	75.3
≥ 900	47.7	68.0	70.8	73.2	74.4	74.4	75.3	75.8	75.8	75.8	75.8	75.9	75.9	75.9
≥ 800	48.0	68.9	72.7	75.6	76.9	77.0	78.2	78.8	78.8	78.9	78.9	79.2	79.2	79.2
≥ 700	48.3	69.6	73.6	76.8	78.3	78.5	80.0	80.7	80.7	80.9	81.0	81.3	81.3	81.3
≥ 600	48.4	70.7	74.8	78.2	80.2	80.4	82.2	82.8	82.8	83.1	83.3	83.5	83.5	83.5
≥ 500	48.7	71.6	76.0	79.5	81.9	82.2	84.8	85.8	85.8	86.2	86.3	86.4	86.7	86.7
≥ 400	48.8	72.3	77.2	80.9	83.9	84.2	87.5	88.8	88.8	89.3	89.8	90.3	90.3	90.3
≥ 300	48.8	72.4	77.4	81.4	84.8	85.2	89.2	90.6	90.6	91.2	92.0	92.3	93.3	93.5
≥ 200	48.8	72.4	77.4	81.5	85.0	85.3	89.6	91.0	91.1	91.7	92.8	93.1	94.4	94.9
≥ 100	48.9	72.5	77.5	81.6	85.1	85.4	89.7	91.1	91.3	91.9	93.1	93.5	95.1	95.3
0	48.9	72.5	77.5	81.6	85.1	85.4	89.7	91.1	91.3	91.9	93.1	93.5	95.1	97.3

TOTAL NUMBER OF OBSERVATIONS 1200

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 20000	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 18000	23.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 16000	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 14000	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 12000	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 10000	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 9000	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 8000	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 7000	30.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 6000	31.0	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 5000	31.0	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 4500	32.9	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 4000	34.8	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 3500	37.4	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 3000	44.5	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 2500	51.0	61.9	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 2000	56.8	69.7	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1800	56.8	70.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1500	60.7	79.4	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1200	61.9	81.3	84.5	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1000	61.9	83.2	87.7	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	61.9	83.2	87.7	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	61.9	85.2	90.3	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	61.9	85.2	90.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	61.9	85.2	90.3	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	61.9	85.2	90.3	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	61.9	85.2	90.3	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	61.9	85.2	90.3	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	61.9	85.2	90.3	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	61.9	85.2	90.3	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
0	61.9	85.2	90.3	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	23.2	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 20000	24.5	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 18000	25.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 16000	25.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 14000	25.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 12000	25.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 10000	25.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 9000	25.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 8000	28.4	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 7000	31.0	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 6000	31.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 5000	31.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 4500	32.9	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 4000	34.8	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 3500	38.1	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 3000	43.9	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 2500	50.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 2000	56.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 1800	58.1	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1500	62.6	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1200	64.5	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	67.1	91.0	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	67.1	91.0	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	67.1	91.6	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	67.1	91.6	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	67.1	91.6	93.6	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	67.1	91.6	93.6	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	67.1	91.6	93.6	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	67.1	91.6	93.6	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	67.1	91.6	94.2	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	67.1	91.6	94.2	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	67.1	91.6	94.2	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	21.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 20000	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 18000	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 16000	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 14000	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 12000	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 10000	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 9000	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 8000	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 7000	30.3	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 6000	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 5000	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 4500	34.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 4000	38.1	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 3500	41.3	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 3000	46.5	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 2500	55.5	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 2000	62.6	71.6	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1800	63.9	72.9	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1500	68.4	80.0	80.7	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200	69.0	81.3	81.9	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1000	69.0	83.9	85.2	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	69.0	83.9	85.2	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800	69.0	84.5	87.1	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 700	69.7	85.2	87.7	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	69.7	85.2	87.7	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	69.7	85.8	89.0	90.3	91.6	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	69.7	85.8	89.0	91.0	92.3	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	69.7	85.8	89.0	91.0	92.3	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	69.7	85.8	89.0	91.0	92.3	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 100	69.7	85.8	89.0	91.0	92.3	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 0	69.7	85.8	89.0	91.0	92.3	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

MAY

MONTH

09

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 20000	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 18000	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 16000	27.1	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 14000	27.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 12000	27.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 10000	27.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 9000	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 8000	30.3	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 7000	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 6000	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 5000	37.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 4500	38.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 4000	40.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 3500	41.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 3000	48.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 2500	56.1	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 2000	62.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1800	63.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1500	69.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200	70.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1000	70.3	86.5	86.5	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	70.3	87.1	87.1	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	70.3	88.4	89.7	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700	70.3	88.4	90.3	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	70.3	88.4	90.3	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	70.3	88.4	90.3	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 400	70.3	88.4	90.3	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	70.3	88.4	90.3	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 200	70.3	88.4	90.3	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 100	70.3	88.4	90.3	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
0	70.3	88.4	90.3	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 20000	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 18000	27.1	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 16000	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 14000	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 12000	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 10000	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 9000	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 8000	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 7000	32.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 6000	32.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 5000	33.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 4500	34.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 4000	36.1	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 3500	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 3000	43.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 2500	53.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 2000	60.7	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1800	60.7	65.8	65.8	66.5	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 1500	68.4	78.7	79.4	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	69.7	83.9	84.5	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1000	69.7	87.1	87.7	89.0	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	69.7	87.7	88.4	89.7	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	69.7	88.4	89.7	91.0	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 700	69.7	88.4	90.3	91.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	69.7	88.4	90.3	91.6	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	69.7	88.4	90.3	92.3	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	69.7	88.4	90.3	92.3	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	69.7	88.4	90.3	92.3	94.8	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	69.7	88.4	90.3	92.3	94.8	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	69.7	88.4	90.3	92.3	94.8	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
0	69.7	88.4	90.3	92.3	94.8	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 20000	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 18000	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 16000	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 14000	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 12000	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 10000	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 9000	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 8000	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 7000	34.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 6000	35.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 5000	38.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 4500	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 4000	40.7	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 3500	41.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 3000	45.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2500	54.2	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 2000	63.9	69.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1800	63.9	70.3	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1500	71.0	79.4	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	72.9	84.5	85.8	86.5	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	72.9	87.1	89.7	90.3	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	72.9	87.1	89.7	90.3	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	72.9	87.1	90.3	91.0	92.3	92.3	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	72.9	87.1	91.6	92.3	93.6	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	72.9	87.1	91.6	92.3	94.2	94.2	94.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	72.9	87.7	92.3	93.6	96.1	96.1	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	72.9	87.7	92.3	93.6	96.1	96.1	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	72.9	87.7	92.3	93.6	96.1	96.1	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	72.9	87.7	92.3	93.6	96.1	96.1	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	72.9	87.7	92.3	93.6	96.1	96.1	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	72.9	87.7	92.3	93.6	96.1	96.1	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 20000	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 18000	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 16000	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 14000	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 12000	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 10000	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 9000	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 8000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 7000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 6000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 5000	37.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 4500	38.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 4000	41.3	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 3500	42.6	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 3000	47.1	50.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 2500	53.6	56.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 2000	60.0	66.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1800	60.7	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1500	65.2	74.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1200	66.5	80.0	83.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	67.1	85.8	89.7	90.3	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	67.1	86.5	90.3	91.0	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	67.1	87.1	91.0	91.6	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	67.7	87.7	91.6	92.3	93.6	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	67.7	87.7	91.6	92.3	93.6	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	67.7	87.7	92.3	93.6	95.5	95.5	96.1	97.4	97.4	97.4	98.1	98.1	98.1	98.1
≥ 400	67.7	87.7	92.3	94.2	96.1	96.1	96.8	98.1	98.1	98.1	99.4	99.4	99.4	99.4
≥ 300	67.7	87.7	92.3	94.2	96.1	96.1	96.8	98.1	98.1	98.1	99.4	99.4	99.4	99.4
≥ 200	67.7	87.7	92.3	94.2	96.1	96.1	96.8	98.1	98.1	98.1	99.4	99.4	99.4	99.4
≥ 100	67.7	87.7	92.3	94.2	96.1	96.1	96.8	98.1	98.1	98.1	99.4	99.4	99.4	99.4
≥ 0	67.7	87.7	92.3	94.2	96.1	96.1	96.8	98.1	98.1	98.1	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATIONKEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

MAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)21
HOURS (L S Y)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	25.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 20000	25.8	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 18000	27.1	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 16000	27.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 14000	28.4	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 12000	28.4	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 10000	29.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 9000	29.7	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 8000	30.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 7000	34.2	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 6000	34.2	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 5000	34.8	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 4500	36.8	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 4000	40.0	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 3500	41.9	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 3000	47.7	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 2500	53.6	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 2000	65.2	75.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1800	66.5	76.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500	68.4	80.7	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1200	69.0	81.9	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1000	69.0	83.9	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	69.0	83.9	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	69.0	83.9	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700	69.0	84.5	91.0	92.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	69.0	84.5	91.0	92.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	69.0	84.5	91.0	92.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	69.0	85.2	91.6	92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	69.0	85.2	91.6	92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	69.0	85.2	91.6	92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	69.0	85.2	91.6	92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	69.0	85.2	91.6	92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	24.6	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 20000	25.0	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 18000	26.1	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 16000	26.9	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 14000	27.1	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 12000	27.2	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
≥ 10000	27.4	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 9000	27.6	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 8000	29.8	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
≥ 7000	33.2	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 6000	33.5	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 5000	34.4	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 4500	35.9	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 4000	38.2	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 3500	40.5	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 3000	45.9	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 2500	53.5	59.8	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 2000	61.1	70.2	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 1800	61.7	71.1	72.1	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1500	66.8	79.5	81.1	81.5	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200	68.0	82.7	84.4	85.0	85.4	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1000	68.4	86.1	88.6	89.4	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	68.4	86.3	88.8	89.8	90.3	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	68.4	87.0	90.1	91.1	92.1	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	68.6	87.3	90.7	91.9	93.2	93.3	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	68.6	87.3	90.8	92.3	93.8	93.9	94.4	94.5	94.5	94.7	94.8	94.8	94.8	94.8
≥ 500	68.6	87.4	91.1	92.9	95.1	95.2	95.8	96.2	96.4	96.5	96.5	96.5	96.5	96.5
≥ 400	68.6	87.5	91.2	93.2	95.7	95.8	96.8	97.2	97.2	97.5	97.7	97.8	97.9	97.9
≥ 300	68.6	87.5	91.2	93.2	95.7	95.8	96.9	97.3	97.3	97.7	97.9	98.2	98.2	98.2
≥ 200	68.6	87.5	91.3	93.3	95.7	95.9	96.9	97.3	97.3	97.8	98.2	98.5	98.6	98.7
≥ 100	68.6	87.5	91.3	93.3	95.7	95.9	96.9	97.4	97.4	97.9	98.3	98.6	99.0	99.3
0	68.6	87.5	91.3	93.3	95.7	95.9	96.9	97.4	97.4	97.9	98.3	98.6	99.0	99.3

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

16201
STATIONKEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 20000	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 18000	19.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 16000	19.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 14000	19.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 12000	19.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 10000	19.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 9000	20.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 8000	22.7	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 7000	25.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 6000	25.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 5000	27.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 4500	28.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 4000	30.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 3500	34.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 3000	37.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 2500	44.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 2000	52.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 1800	53.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 1500	58.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1200	59.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1000	61.3	82.7	82.7	83.3	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 900	61.3	82.7	84.0	84.7	84.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 800	61.3	84.0	86.0	86.7	86.7	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 700	62.0	84.7	86.7	87.3	88.7	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 600	62.0	84.7	87.3	88.0	89.3	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 500	62.7	86.0	88.7	90.0	91.3	91.3	91.3	92.7	92.7	92.7	93.3	93.3	93.3	93.3
≥ 400	62.7	86.0	89.3	91.3	92.7	92.7	92.7	94.7	94.7	94.7	95.3	95.3	95.3	95.3
≥ 300	62.7	86.0	89.3	92.0	94.0	94.0	94.0	96.7	96.7	96.7	97.3	97.3	97.3	97.3
≥ 200	62.7	86.0	89.3	92.0	94.0	94.0	94.0	96.7	96.7	96.7	97.3	97.3	97.3	97.3
≥ 100	62.7	86.0	89.3	92.0	94.0	94.0	94.0	96.7	96.7	96.7	97.3	97.3	97.3	97.3
≥ 0	62.7	86.0	89.3	92.0	94.0	94.0	94.0	96.7	96.7	96.7	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 20000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 18000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 16000	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 14000	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 12000	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 10000	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 9000	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 8000	25.3	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 7000	29.3	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 6000	29.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 5000	31.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 4500	32.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 4000	34.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 3500	36.7	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 3000	40.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 2500	48.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 2000	53.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 1800	53.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 1500	56.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1200	59.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 1000	61.3	80.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 900	61.3	80.7	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 800	61.3	81.3	82.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 700	61.3	82.7	84.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 600	61.3	83.3	84.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 500	61.3	84.7	86.7	90.0	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 400	61.3	85.3	88.0	91.3	92.7	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 300	61.3	85.3	88.0	91.3	92.7	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 200	61.3	85.3	88.0	91.3	92.7	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 100	61.3	85.3	88.0	91.3	92.7	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
0	61.3	85.3	88.0	91.3	92.7	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	18.7	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 20000	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 18000	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 16000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 14000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 12000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 10000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 9000	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 8000	24.0	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 7000	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 6000	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 5000	28.0	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 4500	28.0	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 4000	34.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 3500	36.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 3000	40.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 2500	50.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 2000	56.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1800	58.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 1500	62.7	74.7	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1200	64.0	77.3	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1000	64.7	81.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0
≥ 900	64.7	81.3	83.3	83.3	84.7	84.7	85.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0
≥ 800	64.7	82.7	84.7	84.7	86.0	86.0	86.7	86.7	86.7	87.3	87.3	87.3	87.3	87.3
≥ 700	64.7	83.3	85.3	85.3	86.7	86.7	87.3	87.3	87.3	88.0	88.0	88.0	88.0	88.0
≥ 600	64.7	83.3	85.3	85.3	86.7	86.7	87.3	87.3	87.3	88.0	88.0	88.0	88.0	88.0
≥ 500	64.7	84.0	87.3	88.0	90.0	90.0	91.3	91.3	91.3	92.0	92.0	92.7	92.7	92.7
≥ 400	64.7	84.0	88.7	89.3	92.0	92.0	93.3	93.3	93.3	94.7	96.0	96.7	96.7	96.7
≥ 300	64.7	84.0	88.7	89.3	92.0	92.0	94.0	94.0	94.0	96.0	98.0	98.7	98.7	98.7
≥ 200	64.7	84.0	88.7	89.3	92.0	92.0	94.0	94.0	94.0	96.0	98.0	98.7	98.7	98.7
≥ 100	64.7	84.0	88.7	89.3	92.0	92.0	94.0	94.0	94.0	96.0	98.0	98.7	98.7	98.7
≥ 0	64.7	84.0	88.7	89.3	92.0	92.0	94.0	94.0	94.0	96.0	98.0	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 20000	18.0	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 18000	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 16000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 14000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 12000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 10000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 9000	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 8000	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 7000	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 6000	28.7	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 5000	30.7	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 4500	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 4000	37.3	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 3500	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 3000	41.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 2500	48.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 2000	55.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 1800	55.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 1500	62.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1200	65.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1000	66.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 900	66.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 800	66.7	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 700	66.7	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 600	66.7	87.3	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 500	66.7	88.0	88.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 400	66.7	88.0	88.7	91.3	92.7	92.7	93.3	93.3	94.7	94.7	94.7	95.3	95.3	95.3
≥ 300	66.7	88.0	88.7	91.3	92.7	92.7	94.0	94.7	96.7	96.7	96.7	97.3	97.3	97.3
≥ 200	66.7	88.0	88.7	91.3	92.7	92.7	94.0	95.3	95.3	98.0	98.0	98.7	98.7	98.7
≥ 100	66.7	88.0	88.7	91.3	92.7	92.7	94.0	95.3	95.3	98.0	98.0	98.7	98.7	98.7
≥ 0	66.7	88.0	88.7	91.3	92.7	92.7	94.0	95.3	95.3	98.0	98.0	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 20000	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 18000	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 16000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 14000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 12000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 10000	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 9000	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 8000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 7000	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 6000	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 5000	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 4500	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 4000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 3500	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 3000	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 2500	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2000	55.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 1800	56.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1500	64.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1200	66.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1000	70.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 900	70.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 800	71.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 700	71.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 600	71.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 500	71.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 400	71.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 300	71.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 200	71.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 100	71.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
0	71.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUN
MONTH

15
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING	19.3	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	
≥ 20000	22.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	
≥ 18000	22.7	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	
≥ 16000	24.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	
≥ 14000	24.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	
≥ 12000	24.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	
≥ 10000	26.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	
≥ 9000	26.0	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	
≥ 8000	27.3	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	
≥ 7000	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	
≥ 6000	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	
≥ 5000	33.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	
≥ 4500	34.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	
≥ 4000	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	
≥ 3500	39.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	
≥ 3000	45.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	
≥ 2500	50.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	
≥ 2000	56.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	
≥ 1800	58.0	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	
≥ 1500	68.0	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	
≥ 1200	70.7	79.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	
≥ 1000	72.7	84.7	87.3	87.3	87.3	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	
≥ 900	72.7	84.7	87.3	87.3	87.3	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	
≥ 800	72.7	86.7	90.7	90.7	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
≥ 700	72.7	86.7	90.7	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
≥ 600	72.7	86.7	90.7	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
≥ 500	72.7	87.3	92.0	93.3	94.7	94.7	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
≥ 400	72.7	87.3	92.7	94.0	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
≥ 300	72.7	87.3	92.7	94.0	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
≥ 200	72.7	87.3	92.7	94.0	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
≥ 100	72.7	87.3	92.7	94.0	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
0	72.7	87.3	92.7	94.0	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 20000	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 18000	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 16000	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 14000	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 12000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 10000	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 9000	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 8000	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 7000	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 6000	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 5000	35.3	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 4500	35.3	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 4000	38.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 3500	40.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 3000	44.7	46.0	46.0	46.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 2500	55.3	57.3	57.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 2000	61.3	64.7	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 1800	63.3	67.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 1500	71.3	77.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1200	74.7	82.7	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1000	76.0	87.3	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	76.0	87.3	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 800	76.7	88.0	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	76.7	88.0	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 600	76.7	88.0	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 500	76.7	88.0	90.7	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 400	76.7	88.0	90.7	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 300	76.7	88.0	90.7	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 200	76.7	88.0	90.7	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 100	76.7	88.0	90.7	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 0	76.7	88.0	90.7	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7

150

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	16.0	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 20000	18.0	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 18000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 16000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 14000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 12000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 10000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 9000	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
8000	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
7000	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
6000	30.0	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
5000	32.7	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
4500	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
4000	38.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
3500	43.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
3000	46.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
2500	56.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
2000	60.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
1800	62.7	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
1500	65.3	72.0	72.0	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
1200	66.7	76.7	77.3	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
1000	70.0	82.7	84.0	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
900	70.7	83.3	85.3	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
800	71.3	84.7	86.7	88.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
700	71.3	86.0	88.0	89.3	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
600	72.0	87.3	89.3	90.7	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
500	72.0	87.3	89.3	91.3	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
400	72.0	87.3	89.3	92.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
300	72.0	87.3	89.3	92.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
200	72.0	87.3	89.3	92.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
100	72.0	87.3	89.3	92.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
0	72.0	87.3	89.3	92.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUN
MONTH
ALL
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.3	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
≥ 20000	18.9	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
≥ 18000	20.3	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
≥ 16000	20.9	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥ 14000	20.9	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥ 12000	21.1	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
≥ 10000	21.7	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 9000	22.2	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
≥ 8000	25.2	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 7000	28.9	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 6000	29.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 5000	30.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 4500	31.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 4000	35.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 3500	38.0	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 3000	42.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 2500	50.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 2000	56.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 1800	57.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 1500	63.8	74.1	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 1200	65.8	78.2	78.6	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1000	67.9	83.3	84.3	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 900	68.0	83.5	84.9	85.4	85.8	85.8	86.0	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4
≥ 800	68.3	84.7	86.4	87.1	87.7	87.8	87.9	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3
≥ 700	68.3	85.4	87.2	87.9	88.8	88.9	89.2	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8
≥ 600	68.4	85.9	87.8	88.7	89.8	89.9	90.3	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8
≥ 500	68.5	86.6	88.9	90.7	92.4	92.6	93.3	93.8	93.8	94.6	94.6	94.7	94.8	94.8	94.8
≥ 400	68.5	86.7	89.4	91.3	93.3	93.4	94.7	95.4	95.6	96.8	96.9	97.0	97.2	97.2	97.2
≥ 300	68.5	86.7	89.4	91.5	93.5	93.8	95.3	96.3	96.4	97.8	98.1	98.3	98.6	98.6	98.6
≥ 200	68.5	86.7	89.4	91.5	93.5	93.8	95.3	96.4	96.6	98.1	98.5	98.7	99.1	99.3	99.3
≥ 100	68.5	86.7	89.4	91.5	93.5	93.8	95.3	96.4	96.6	98.1	98.5	98.7	99.2	99.3	99.3
0	68.5	86.7	89.4	91.5	93.5	93.8	95.3	96.4	96.6	98.1	98.5	98.7	99.2	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

1200

CEILING VERSUS VISIBILITY

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 10
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.8	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.8	16.8	16.8
≥ 20000	15.5	16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	17.4	17.4	17.4
≥ 18000	16.8	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.7	18.7	18.7
≥ 16000	16.8	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.7	18.7	18.7
≥ 14000	16.8	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.7	18.7	18.7
≥ 12000	16.8	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.7	18.7	18.7
≥ 10000	16.8	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.7	18.7	18.7
≥ 9000	17.4	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	19.4	19.4	19.4
≥ 8000	21.9	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	24.5	24.5	24.5
≥ 7000	27.7	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	31.0	31.0	31.0
≥ 6000	29.0	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	32.3	32.3	32.3
≥ 5000	29.0	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	32.3	32.3	32.3
≥ 4500	29.0	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	32.3	32.3	32.3
≥ 4000	32.9	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	36.1	36.1	36.1
≥ 3500	35.5	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.7	38.7	38.7
≥ 3000	40.0	41.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.9	43.9	43.9
≥ 2500	44.5	48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.3	50.3	50.3
≥ 2000	49.0	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	56.1	56.1	56.1
≥ 1800	49.7	54.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.8	56.8	56.8
≥ 1500	54.2	61.9	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.8	65.8	65.8
≥ 1200	56.8	67.1	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	71.0	71.0	71.0
≥ 1000	57.4	69.0	72.9	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.8	75.5	75.5
≥ 900	57.4	70.3	74.2	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	76.1	76.8	76.8
≥ 800	57.4	71.6	76.1	77.4	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	80.0	80.7	80.7
≥ 700	58.1	74.8	79.4	80.7	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	83.2	83.9	83.9
≥ 600	58.1	78.1	82.6	83.9	85.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	87.1	87.7	87.7
≥ 500	58.1	78.1	83.2	85.8	87.7	87.7	89.0	89.0	89.0	89.7	89.7	89.7	90.3	91.0	91.0
≥ 400	58.1	78.1	83.2	87.7	90.3	90.3	92.3	92.3	92.3	94.8	94.8	94.8	95.5	96.1	96.1
≥ 300	58.1	78.1	83.2	87.7	90.3	90.3	92.3	92.3	92.3	94.8	95.5	95.5	96.1	96.8	96.8
≥ 200	58.1	78.7	83.9	89.0	91.6	91.6	93.6	94.2	94.2	96.1	96.8	97.4	98.1	98.7	98.7
≥ 100	58.1	78.7	83.9	89.0	91.6	91.6	93.6	94.2	94.2	96.1	96.8	98.1	98.7	99.4	99.4
0	58.1	78.7	83.9	89.0	91.6	91.6	93.6	94.2	94.2	96.1	96.8	98.1	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATION

REFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.8
≥ 20000	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.8
≥ 18000	15.5	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	18.1
≥ 16000	15.5	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	18.1
≥ 14000	15.5	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	18.1
≥ 12000	15.5	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	18.1
≥ 10000	15.5	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	18.1
≥ 9000	15.5	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	18.1
≥ 8000	19.4	20.7	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.9
≥ 7000	21.9	23.9	23.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	25.2
≥ 6000	23.2	25.2	25.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.5
≥ 5000	23.9	25.8	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	27.1
≥ 4500	24.5	26.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.7
≥ 4000	27.1	29.7	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	31.0
≥ 3500	29.0	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.9
≥ 3000	34.8	38.1	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	39.4
≥ 2500	40.7	45.2	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	47.1
≥ 2000	45.8	51.6	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.6
≥ 1800	47.1	54.2	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	56.1
≥ 1500	54.2	65.2	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.7
≥ 1200	54.8	67.1	68.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.3
≥ 1000	56.1	70.3	72.9	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.5
≥ 900	56.1	72.3	74.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	78.1
≥ 800	56.8	74.2	76.8	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	80.0
≥ 700	56.8	74.8	78.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.6
≥ 600	57.4	76.1	80.0	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	85.2
≥ 500	57.4	78.1	81.9	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	89.0
≥ 400	58.1	78.7	82.6	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.3
≥ 300	58.1	79.4	83.2	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	91.0
≥ 200	58.1	79.4	83.2	89.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.6
≥ 100	58.1	79.4	83.2	89.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.6
≥ 0	58.1	79.4	83.2	89.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.6

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUL
MONTH

06
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 20000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 18000	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 16000	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 14000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 12000	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 10000	16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 9000	16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 8000	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 7000	21.3	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 6000	21.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 5000	22.6	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 4500	23.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 4000	26.5	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 3500	30.3	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 3000	35.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 2500	43.2	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 2000	50.3	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 1800	51.6	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1500	57.4	67.7	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1200	58.7	70.3	71.6	72.3	72.9	72.9	72.9	73.5	73.6	73.6	73.6	73.6	73.6
≥ 1000	60.0	74.8	76.1	77.4	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4
≥ 900	60.0	74.8	76.1	77.4	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4
≥ 800	60.7	75.5	76.8	78.1	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0
≥ 700	61.3	76.1	77.4	78.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3
≥ 600	61.3	76.8	78.1	79.4	81.3	81.3	81.3	82.6	82.6	82.6	82.6	82.6	82.6
≥ 500	61.3	78.1	80.7	83.2	85.8	85.8	85.8	87.1	87.1	87.1	87.1	87.1	87.1
≥ 400	61.3	78.1	80.7	84.5	87.1	87.1	87.1	89.7	90.3	91.0	91.0	91.0	91.0
≥ 300	61.3	78.1	80.7	84.5	87.1	87.1	87.1	89.7	91.0	92.3	94.2	94.2	94.2
≥ 200	61.3	78.1	80.7	84.5	87.1	87.1	87.1	91.0	92.3	94.2	96.1	96.8	97.4
≥ 100	61.3	78.1	80.7	84.5	87.1	87.1	87.1	91.0	92.3	94.2	96.1	96.8	97.4
0	61.3	78.1	80.7	84.5	87.1	87.1	87.1	91.0	92.3	94.2	96.1	96.8	97.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 20000	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 18000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 16000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 14000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 12000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 10000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 9000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 8000	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 7000	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 6000	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 5000	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 4500	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 4000	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 3500	32.3	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 3000	38.7	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 2500	43.2	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 2000	49.0	52.3	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 1800	50.3	53.6	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 1500	57.4	61.3	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 1200	58.7	63.2	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 1000	61.3	69.7	71.0	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 900	61.3	69.7	71.0	72.9	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 800	62.6	72.9	74.8	76.8	77.4	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7
≥ 700	62.6	74.8	77.4	80.0	80.7	80.7	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.2
≥ 600	62.6	74.8	77.4	80.0	80.7	80.7	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.2
≥ 500	62.6	76.8	79.4	82.6	83.9	83.9	85.2	86.5	87.7	87.7	87.7	87.7	87.7	87.7
≥ 400	63.2	78.7	81.9	85.5	88.4	88.4	89.7	91.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 300	63.2	79.4	82.6	87.7	90.3	90.3	91.6	94.2	95.5	96.8	96.8	96.8	96.8	96.8
≥ 200	63.2	79.4	82.6	87.7	90.3	90.3	91.6	94.2	95.5	96.8	98.1	98.1	98.1	98.1
≥ 100	63.2	79.4	82.6	87.7	90.3	90.3	91.6	94.2	95.5	96.8	98.1	98.1	98.1	98.1
≥ 0	63.2	79.4	82.6	87.7	90.3	90.3	91.6	94.2	95.5	96.8	98.1	98.1	98.1	98.1

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 20000	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 18000	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 16000	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 14000	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 12000	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 10000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 9000	21.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 8000	22.6	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 7000	25.8	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 6000	25.8	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 5000	26.5	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 4500	27.1	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 4000	29.7	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 3500	32.3	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 3000	38.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 2500	45.2	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2000	49.7	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 1800	51.6	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 1500	59.4	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1200	64.5	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1000	69.0	78.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 900	69.0	78.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 800	69.7	79.4	81.9	82.6	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 700	69.7	79.4	82.6	83.2	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 600	69.7	81.3	84.5	85.8	87.7	87.7	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 500	70.3	82.6	85.8	88.4	91.0	91.0	91.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	70.3	83.2	86.5	89.7	92.3	92.3	92.3	94.2	94.8	96.1	96.8	96.8	96.8	96.8
≥ 300	70.3	83.2	86.5	89.7	92.3	92.3	92.3	94.8	95.5	96.8	97.4	97.4	97.4	97.4
≥ 200	70.3	83.2	86.5	89.7	92.3	92.3	92.3	95.5	96.1	97.4	99.4	99.4	99.4	99.4
≥ 100	70.3	83.2	86.5	89.7	92.3	92.3	92.3	95.5	96.1	97.4	99.4	99.4	99.4	99.4
0	70.3	83.2	86.5	89.7	92.3	92.3	92.3	95.5	96.1	97.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 20000	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 18000	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 16000	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 14000	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 12000	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 10000	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 9000	23.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 8000	27.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 7000	30.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 6000	31.0	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 5000	31.0	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 4500	31.6	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 4000	33.6	35.5	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 3500	34.8	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 3000	38.1	40.7	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 2500	43.2	46.5	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 2000	53.6	56.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1800	54.2	59.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1500	62.6	71.0	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1200	64.5	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1000	69.0	80.0	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 900	69.0	80.7	83.9	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 800	69.7	81.9	85.2	85.8	86.5	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7
≥ 700	69.7	83.2	87.1	87.7	89.0	89.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	69.7	83.9	87.7	89.0	90.3	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	69.7	83.9	87.7	89.7	91.0	91.6	91.6	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	69.7	83.9	88.4	91.0	92.3	92.9	93.6	94.8	94.8	95.5	95.5	95.5	95.5
≥ 300	69.7	84.5	89.0	91.6	92.9	93.6	94.2	95.5	95.5	97.4	97.4	97.4	97.4
≥ 200	69.7	84.5	89.0	91.6	92.9	93.6	94.8	96.8	96.8	99.4	99.4	99.4	99.4
≥ 100	69.7	84.5	89.0	91.6	92.9	93.6	94.8	96.8	96.8	99.4	99.4	100.0	100.0
≥ 0	69.7	84.5	89.0	91.6	92.9	93.6	94.8	96.8	96.8	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 20000	16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 18000	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 16000	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 14000	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 12000	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 10000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 9000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 8000	26.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 7000	29.7	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 6000	30.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 5000	30.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 4500	31.0	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 4000	32.3	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 3500	33.6	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 3000	40.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 2500	44.5	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 2000	51.6	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1800	51.6	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1500	59.4	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1200	63.2	71.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 1000	65.8	74.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 900	65.8	74.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 800	67.1	80.0	82.6	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 700	68.4	82.6	85.8	87.1	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 600	69.0	83.2	86.5	88.4	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 500	69.0	83.9	87.1	89.0	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 400	69.0	85.2	88.4	91.0	92.9	93.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	69.0	85.2	88.4	91.0	93.6	94.2	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	69.0	85.2	88.4	91.6	94.2	94.8	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	69.0	85.2	88.4	91.6	94.2	94.8	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 0	69.0	85.2	88.4	91.6	94.2	94.8	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

135

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	16.1	16.8	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 20000	17.4	18.1	18.1	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 18000	20.0	20.7	20.7	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 16000	20.0	20.7	20.7	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 14000	20.0	20.7	20.7	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 12000	20.0	20.7	20.7	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 10000	20.0	20.7	20.7	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 9000	21.3	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 8000	23.2	24.5	24.5	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 7000	29.7	31.0	31.0	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 6000	30.3	32.3	32.3	32.3	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 5000	31.0	32.9	32.9	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 4500	32.3	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 4000	36.8	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 3500	38.7	41.3	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 3000	44.5	47.7	47.7	47.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2500	49.0	52.3	52.3	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 2000	55.5	60.0	60.0	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1800	57.4	61.9	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 1500	61.9	68.4	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1200	63.2	71.0	71.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 1000	63.9	72.9	76.1	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 900	63.9	72.9	76.1	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 800	64.5	74.2	77.4	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 700	65.2	75.5	78.7	80.7	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 600	65.2	76.1	79.4	81.9	84.5	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 500	65.8	77.4	81.3	83.9	87.1	88.4	90.3	91.0	91.0	91.6	91.6	91.6	91.6	91.6
≥ 400	66.5	78.7	82.6	85.2	89.0	90.3	92.9	93.6	93.6	94.8	94.8	94.8	94.8	94.8
≥ 300	66.5	78.7	82.6	86.5	90.3	91.6	94.8	96.1	96.1	98.1	98.1	98.1	98.1	98.1
≥ 200	66.5	78.7	82.6	86.5	90.3	91.6	94.8	96.1	96.1	98.1	98.1	98.1	98.1	98.1
≥ 100	66.5	78.7	82.6	86.5	90.3	91.6	94.8	96.1	96.1	98.1	98.1	98.1	98.1	98.1
0	66.5	78.7	82.6	86.5	90.3	91.6	94.8	96.1	96.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING	14.6	15.3	15.4	15.4	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.6	15.7	15.7	
≥ 20000	16.1	16.6	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.9	16.9	16.9	
≥ 18000	18.1	18.6	18.7	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	19.0	19.0	19.0	
≥ 16000	18.2	18.8	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.1	19.1	19.2	
≥ 14000	18.2	18.9	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.2	19.3	19.3	
≥ 12000	18.3	19.0	19.0	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.3	19.4	19.4	
≥ 10000	18.8	19.4	19.5	19.6	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.8	19.8	19.8	
≥ 9000	19.4	20.0	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.3	20.4	20.4	
8000	22.7	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.2	24.2	
7000	26.4	27.9	28.0	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.3	28.3	
6000	27.2	28.9	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.2	29.3	29.3	
5000	27.6	29.4	29.5	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.8	29.8	29.8	
4500	28.2	30.0	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.4	30.5	30.5	
4000	31.0	32.9	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.3	33.4	33.4	
3500	33.3	35.6	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.1	36.1	
3000	38.9	41.5	42.0	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.4	42.4	
2500	44.2	47.7	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.8	48.8	
2000	50.6	55.7	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.2	57.2	
1800	51.7	56.9	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.6	58.6	
1500	58.3	65.7	67.0	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.8	67.8	
1200	60.6	69.5	71.1	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.2	72.2	
1000	62.8	73.7	76.1	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.7	77.9	77.9	
900	62.8	74.3	76.8	77.8	78.3	78.4	78.6	78.8	78.8	78.8	78.8	78.8	79.0	79.1	79.1	
800	63.6	76.2	79.0	80.3	81.2	81.3	81.5	81.8	81.9	81.9	81.9	81.9	82.0	82.2	82.2	
700	64.0	77.7	80.9	82.4	83.7	84.0	84.3	84.7	84.8	84.8	84.8	84.8	84.9	85.1	85.1	
600	64.1	78.8	82.0	84.0	85.4	85.7	86.1	86.7	86.9	86.9	86.9	86.9	87.0	87.3	87.3	
500	64.3	79.8	83.4	86.2	88.2	88.4	89.1	90.1	90.2	90.7	90.7	90.7	90.9	91.1	91.1	
400	64.5	80.6	84.3	87.9	90.2	90.6	91.7	92.9	93.1	94.2	94.4	94.4	94.5	94.8	94.8	
300	64.5	80.8	84.5	88.4	90.9	91.2	92.5	94.0	94.4	96.0	96.5	96.5	96.6	97.1	97.1	
200	64.5	80.9	84.6	88.7	91.2	91.5	93.2	94.9	95.3	97.1	98.0	98.1	98.2	98.8	99.0	
100	64.5	80.9	84.6	88.7	91.2	91.5	93.2	94.9	95.3	97.2	98.1	98.2	98.4	99.2	99.4	
0	64.5	80.9	84.6	88.7	91.2	91.5	93.2	94.9	95.3	97.2	98.1	98.2	98.4	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 1240

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

AUG
MONTH

00
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 20000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 18000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 16000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 14000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 12000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 10000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 9000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 8000	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 7000	22.6	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 6000	22.6	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 5000	23.2	23.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 4500	23.2	23.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 4000	25.8	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 3500	28.4	32.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 3000	33.6	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 2500	36.8	45.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 2000	41.3	52.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 1800	42.6	54.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1500	49.0	63.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1200	52.3	70.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1000	52.9	73.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 900	52.9	74.8	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 800	53.6	76.8	83.2	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 700	54.2	77.4	85.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 600	54.2	77.4	85.2	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 500	54.8	78.7	86.5	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 400	54.8	78.7	86.5	87.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 300	54.8	79.4	87.1	87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 200	54.8	79.4	87.1	87.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 100	54.8	79.4	87.1	87.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
0	54.8	79.4	87.1	87.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND

STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 20000	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 18000	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 16000	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 14000	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 12000	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 10000	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 9000	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 8000	25.6	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 7000	27.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 6000	27.1	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 5000	27.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 4500	27.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 4000	29.0	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 3500	31.0	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 3000	36.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 2500	41.9	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 2000	45.2	54.8	54.8	55.5	55.5	55.5	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1
≥ 1800	45.2	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1500	49.0	65.8	65.8	67.7	67.7	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1200	51.0	69.0	69.7	71.6	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1000	53.6	75.5	77.4	79.4	80.7	80.7	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9
≥ 900	53.6	75.5	77.4	79.4	80.7	80.7	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9
≥ 800	53.6	75.5	78.7	80.7	82.6	82.6	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9
≥ 700	53.6	76.8	80.7	83.2	85.2	85.2	85.2	85.8	87.1	87.1	87.1	87.1	87.1	87.1
≥ 600	53.6	76.8	81.9	85.8	87.7	88.4	88.4	89.0	90.3	91.0	91.0	91.0	91.0	91.0
≥ 500	53.6	77.4	83.9	87.7	89.7	91.6	91.6	92.3	93.6	94.2	94.2	94.8	94.8	94.8
≥ 400	53.6	77.4	83.9	87.7	91.0	92.9	92.9	94.8	96.1	96.8	96.8	97.4	97.4	97.4
≥ 300	53.6	77.4	83.9	87.7	91.0	92.9	92.9	94.8	96.8	97.4	97.4	98.7	99.4	100.0
≥ 200	53.6	77.4	83.9	87.7	91.0	92.9	92.9	94.8	96.8	97.4	97.4	98.7	99.4	100.0
≥ 100	53.6	77.4	83.9	87.7	91.0	92.9	92.9	94.8	96.8	97.4	97.4	98.7	99.4	100.0
≥ 0	53.6	77.4	83.9	87.7	91.0	92.9	92.9	94.8	96.8	97.4	97.4	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATION

KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)06
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 20000	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 18000	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 16000	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 14000	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 12000	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 10000	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 9000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 8000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 7000	23.9	25.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 6000	24.5	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 5000	24.5	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 4500	24.5	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 4000	29.0	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 3500	32.3	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 3000	36.8	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 2500	45.2	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 2000	49.0	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 1800	50.3	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1500	54.8	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 1200	56.8	69.7	71.0	71.0	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1000	60.0	74.2	77.4	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4
≥ 900	60.0	74.8	78.7	78.7	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7
≥ 800	60.0	76.1	80.7	81.3	83.2	83.2	83.2	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5
≥ 700	60.0	76.8	83.2	84.5	86.5	87.1	87.7	89.0	89.0	89.0	89.0	89.7	89.7	89.7	89.7
≥ 600	60.7	77.4	83.9	85.2	87.1	87.7	88.4	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3
≥ 500	60.7	77.4	84.5	85.8	87.7	89.0	90.3	91.6	91.6	91.6	91.6	92.3	92.3	92.3	92.3
≥ 400	60.7	78.1	86.5	87.7	89.7	91.0	92.3	94.2	94.8	94.8	96.1	96.8	96.8	96.8	96.8
≥ 300	60.7	78.1	86.5	87.7	89.7	91.0	92.3	94.2	94.8	94.8	96.1	96.8	96.8	96.8	96.8
≥ 200	60.7	78.1	86.5	87.7	89.7	91.0	92.3	94.2	94.8	95.5	97.4	98.7	98.7	98.7	98.7
≥ 100	60.7	78.1	86.5	87.7	89.7	91.0	92.3	94.2	94.8	95.5	97.4	99.4	99.4	99.4	99.4
0	60.7	78.1	86.5	87.7	89.7	91.0	92.3	94.2	94.8	95.5	97.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 20000	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 18000	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 16000	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 14000	18.1	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 12000	18.1	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 10000	19.4	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 9000	19.4	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 8000	24.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 7000	29.7	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 6000	29.7	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 5000	29.7	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 4500	29.7	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 4000	34.2	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 3500	37.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 3000	42.6	45.2	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 2500	47.1	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 2000	51.6	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1800	52.3	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 1500	55.5	64.5	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 1200	58.1	70.3	72.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1000	60.7	74.8	76.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 900	60.7	74.8	76.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 800	60.7	79.4	82.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 700	61.9	81.3	85.2	88.4	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0
≥ 600	61.9	81.3	85.2	89.7	90.3	90.3	90.3	91.6	91.6	91.6	91.6	91.6	91.6
≥ 500	61.9	81.3	85.8	90.3	91.0	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 400	61.9	81.3	85.8	90.3	91.0	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 300	61.9	81.3	85.8	91.0	91.6	91.6	91.6	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	61.9	81.3	85.8	91.0	91.6	91.6	91.6	95.5	95.5	95.5	95.5	95.5	95.5
≥ 100	61.9	81.3	85.8	91.0	91.6	91.6	91.6	95.5	95.5	95.5	95.5	95.5	95.5
0	61.9	81.3	85.8	91.0	91.6	91.6	91.6	95.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 20000	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 18000	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 16000	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 14000	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 12000	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 10000	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 9000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 8000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 7000	22.6	23.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 6000	22.6	23.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 5000	23.2	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 4500	23.2	25.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 4000	25.8	30.3	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 3500	29.0	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 3000	34.2	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 2500	40.0	46.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 2000	47.7	54.8	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 1800	47.7	55.5	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1500	54.2	65.8	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1200	60.0	72.3	74.2	74.8	74.8	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1000	61.3	77.4	81.3	82.6	82.6	83.2	83.2	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	61.3	77.4	81.9	83.2	83.2	83.9	83.9	85.2	85.2	85.2	85.2	85.2	85.2
≥ 800	63.2	81.3	85.8	87.7	87.7	88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7
≥ 700	63.2	81.9	87.1	90.3	90.3	91.6	91.6	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	63.2	81.9	87.1	90.3	90.3	91.6	91.6	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500	63.2	82.5	87.7	91.6	91.6	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	63.2	82.6	88.4	92.3	92.3	93.6	93.6	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	63.2	82.6	88.4	92.3	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	63.2	82.6	88.4	92.3	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	63.2	82.6	88.4	92.3	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1
≥ 0	63.2	82.6	88.4	92.3	92.3	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 20000	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 18000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 16000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 14000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 12000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 10000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 9000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 8000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 7000	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 6000	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 5000	25.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 4500	25.2	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 4000	28.4	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 3500	30.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 3000	34.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 2500	41.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 2000	53.6	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 1800	54.2	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1500	60.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1200	61.9	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1000	64.5	76.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 900	65.2	76.8	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 800	65.2	78.1	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 700	65.8	79.4	81.9	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 600	65.8	80.7	83.9	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 500	66.5	81.9	85.2	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 400	66.5	81.9	85.2	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 300	66.5	81.9	85.2	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 200	66.5	81.9	85.2	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 100	66.5	81.9	85.2	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 0	66.5	81.9	85.2	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

AUG
MONTH

18

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 20000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 18000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 16000	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 14000	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 12000	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 10000	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 9000	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
8000	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
7000	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
6000	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
5000	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
4500	29.0	29.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
4000	32.9	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
3500	33.6	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
3000	37.4	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
2500	44.5	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
2000	51.0	56.8	57.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
1800	52.9	58.7	59.4	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
1500	59.4	69.7	70.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
1200	61.3	72.3	72.9	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
1000	61.9	74.8	75.5	77.4	78.1	78.7	79.4	79.4	79.4	80.0	80.7	80.7	80.7	80.7
900	61.9	75.5	76.8	79.4	80.0	80.7	81.3	81.3	81.3	81.9	82.6	82.6	82.6	82.6
800	63.2	77.4	79.4	82.6	83.2	83.9	84.5	84.5	84.5	85.2	85.8	85.8	85.8	85.8
700	63.2	78.1	80.0	83.2	83.9	84.5	85.2	85.2	85.2	86.5	87.1	87.1	87.1	87.1
600	63.2	78.1	80.0	84.5	85.2	85.8	86.5	86.5	86.5	87.7	88.4	88.4	88.4	88.4
500	63.2	78.1	80.0	85.2	86.5	87.1	87.7	87.7	87.7	90.3	91.0	91.0	91.0	91.0
400	63.2	78.7	80.7	85.8	87.1	87.7	88.4	90.3	90.3	93.6	94.2	94.8	95.5	95.5
300	63.2	79.4	81.3	86.5	87.7	88.4	89.0	91.0	91.0	94.8	95.5	96.1	96.8	96.8
200	63.2	79.4	81.3	86.5	87.7	88.4	89.0	91.0	91.0	95.5	96.8	97.4	98.1	98.1
100	63.2	79.4	81.3	86.5	87.7	88.4	89.0	91.0	91.0	95.5	96.8	97.4	98.1	98.1
0	63.2	79.4	81.3	86.5	87.7	88.4	89.0	91.0	91.0	95.5	96.8	97.4	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

AUG
MONTH

21
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	18.1	16.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 20000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 18000	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 16000	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 14000	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 12000	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 10000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 9000	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 8000	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 7000	27.7	27.7	27.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 6000	28.4	28.4	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 5000	28.4	28.4	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 4500	28.4	28.4	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 4000	32.9	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 3500	33.6	36.1	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 3000	38.1	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 2500	42.6	48.4	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2000	51.6	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 1800	51.6	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 1500	54.8	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 1200	56.1	69.0	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1000	59.4	76.1	77.4	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 900	60.0	76.8	78.1	79.4	79.4	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7
≥ 800	60.0	78.1	80.0	81.9	82.6	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9
≥ 700	60.0	78.1	80.7	82.6	83.2	83.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5
≥ 600	60.0	79.4	82.6	85.8	87.1	87.1	87.7	89.0	89.0	89.0	89.0	89.0	89.0
≥ 500	60.0	80.0	83.2	86.5	87.7	87.7	89.0	91.6	91.6	91.6	91.6	91.6	91.6
≥ 400	60.0	80.0	83.2	87.7	89.0	89.0	90.3	93.6	94.2	94.2	94.2	94.2	94.2
≥ 300	60.0	80.0	83.2	87.7	89.0	89.0	91.0	94.8	95.5	96.8	96.8	96.8	96.8
≥ 200	60.0	80.0	83.2	87.7	89.0	89.0	91.0	94.8	95.5	97.4	97.4	98.1	98.1
≥ 100	60.0	80.0	83.2	87.7	89.0	89.0	91.0	94.8	95.5	98.1	98.1	98.7	98.7
≥ 0	60.0	80.0	83.2	87.7	89.0	89.0	91.0	94.8	95.5	98.1	98.1	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	17.4	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 20000	18.6	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
≥ 18000	19.4	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥ 16000	19.5	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥ 14000	19.5	19.8	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
≥ 12000	19.5	19.8	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
≥ 10000	20.0	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
≥ 9000	21.3	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 8000	22.9	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥ 7000	25.9	26.8	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 6000	26.1	27.0	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
≥ 5000	26.4	27.3	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 4500	26.4	27.6	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 4000	29.8	32.5	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 3500	31.9	35.3	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 3000	36.8	40.7	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 2500	42.5	48.2	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2000	48.9	56.5	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 1800	49.6	58.2	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 1500	54.7	66.5	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 1200	57.2	70.6	72.0	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 1000	59.3	75.3	77.9	79.0	79.4	79.5	79.7	80.2	80.2	80.3	80.4	80.4	80.5	80.5
≥ 900	59.4	75.8	78.6	79.8	80.2	80.4	80.6	81.1	81.3	81.4	81.5	81.5	81.5	81.5
≥ 800	59.9	77.8	81.3	83.0	83.8	84.0	84.1	84.7	84.8	85.0	85.1	85.1	85.2	85.2
≥ 700	60.2	78.6	82.9	85.0	85.9	86.2	86.5	87.3	87.5	87.7	87.9	88.0	88.0	88.0
≥ 600	60.3	79.1	83.6	86.3	87.3	87.7	88.1	89.2	89.4	89.8	90.0	90.1	90.1	90.1
≥ 500	60.5	79.6	84.4	87.4	88.7	89.2	89.9	91.3	91.5	92.3	92.5	92.6	92.7	92.7
≥ 400	60.5	79.8	85.0	88.2	90.0	90.7	91.5	93.5	93.9	94.9	95.3	95.7	95.8	95.8
≥ 300	60.5	80.0	85.2	88.5	90.6	91.2	92.2	94.7	95.2	96.5	96.9	97.3	97.5	97.5
≥ 200	60.5	80.0	85.2	88.5	90.7	91.3	92.3	94.8	95.4	97.0	97.7	98.4	98.6	98.6
≥ 100	60.5	80.0	85.2	88.5	90.7	91.3	92.3	94.8	95.4	97.1	97.8	98.6	99.0	99.4
0	60.5	80.0	85.2	88.5	90.7	91.3	92.3	94.8	95.4	97.1	97.8	98.6	99.0	99.4

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201

STATION KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 20000	28.7	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 18000	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 16000	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 14000	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 12000	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 10000	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 9000	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 8000	32.0	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 7000	35.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 6000	35.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 5000	35.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 4500	35.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 4000	39.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 3500	41.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 3000	50.0	53.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 2500	55.3	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 2000	60.0	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 1800	62.0	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 1500	63.3	74.7	76.0	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1200	64.0	76.7	78.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1000	65.3	79.3	82.0	84.0	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 900	66.0	80.0	83.3	85.3	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 800	66.0	80.0	83.3	85.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 700	66.0	80.7	84.0	86.7	88.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 600	66.0	80.7	84.0	86.7	89.3	90.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 500	66.0	81.3	84.7	87.3	90.0	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 400	66.0	82.0	85.3	88.0	90.7	91.3	92.0	92.7	92.7	93.3	94.0	94.0	94.0	94.7
≥ 300	66.0	82.0	85.3	88.0	91.3	92.0	92.7	94.0	94.0	95.3	96.0	96.0	96.0	96.7
≥ 200	66.0	82.0	85.3	88.0	91.3	92.7	94.0	96.7	96.7	98.7	99.3	99.3	99.3	100.0
≥ 100	66.0	82.0	85.3	88.0	91.3	92.7	94.0	96.7	96.7	98.7	99.3	99.3	99.3	100.0
≥ 0	66.0	82.0	85.3	88.0	91.3	92.7	94.0	96.7	96.7	98.7	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATIONKEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

SEP
MONTH

03

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0
NO CEILING	30.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 20000	31.3	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 18000	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 16000	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 14000	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 12000	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 10000	32.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 8000	35.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 7000	38.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 6000	38.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 5000	39.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 4500	41.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 4000	45.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 3500	49.3	53.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 3000	55.3	60.0	61.3	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 2500	59.3	65.3	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 2000	60.0	66.0	67.3	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 1800	65.3	72.0	74.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 1500	65.3	72.7	75.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1200	65.3	73.3	77.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1000	66.0	75.3	79.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 900	66.0	76.0	80.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 800	66.0	76.0	80.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 700	66.0	76.0	80.7	84.7	85.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 600	66.0	77.3	82.7	87.3	88.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 500	66.0	77.3	82.7	88.0	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 400	66.0	77.3	82.7	88.0	89.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 300	66.0	77.3	82.7	88.0	89.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 200	66.0	77.3	82.7	88.0	89.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 100	66.0	77.3	82.7	88.0	89.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 0	66.0	77.3	82.7	88.0	89.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0
NO CEILING	24.0	24.7	24.7	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 20000	24.7	25.3	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 18000	26.7	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 16000	26.7	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 14000	26.7	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 12000	26.7	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 10000	26.7	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 9000	27.3	28.0	28.0	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 8000	32.0	32.7	32.7	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 7000	37.3	38.0	38.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 6000	37.3	38.0	38.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 5000	38.0	38.7	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 4500	40.7	42.0	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 4000	42.7	44.0	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 3500	46.7	48.7	49.3	50.0	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 3000	52.0	55.3	56.0	57.3	57.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 2500	60.0	64.0	64.7	66.0	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2000	61.3	65.3	66.7	68.0	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 1800	66.7	72.0	73.3	74.7	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1500	67.3	75.3	76.7	78.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1200	68.7	78.7	80.7	83.3	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1000	68.7	78.7	80.7	83.3	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 900	68.7	78.7	80.7	83.3	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 800	68.7	79.3	81.3	84.7	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 700	68.7	80.0	82.0	85.3	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 600	68.7	80.0	82.0	85.3	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 500	68.7	80.0	82.0	85.3	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 400	68.7	80.7	82.7	87.3	90.0	90.0	90.7	91.3	91.3	92.7	92.7	92.7	92.7	92.7
≥ 300	68.7	80.7	82.7	87.3	90.0	90.0	90.7	91.3	91.3	92.7	92.7	92.7	92.7	92.7
≥ 200	68.7	80.7	82.7	87.3	90.0	90.0	90.7	91.3	91.3	92.7	92.7	92.7	92.7	92.7
≥ 100	68.7	80.7	82.7	87.3	90.0	90.0	90.7	91.3	91.3	92.7	92.7	92.7	92.7	92.7
0	68.7	80.7	82.7	87.3	90.0	90.0	90.7	91.3	91.3	92.7	92.7	92.7	92.7	92.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201

KEFLAVIK, ICELAND

73-77

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 20000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 18000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 16000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 14000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 12000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 10000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 9000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 8000	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 7000	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 6000	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 5000	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 4500	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 4000	36.7	39.3	39.3	39.3	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 3500	36.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 3000	46.7	49.3	49.3	49.3	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2500	51.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 2000	56.0	62.7	63.3	63.3	63.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 1800	58.0	63.3	64.7	64.7	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 1500	64.0	70.7	74.0	74.0	74.0	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1200	64.7	74.0	77.3	78.7	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1000	64.7	75.3	81.3	82.7	83.3	83.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 900	64.7	76.0	82.0	83.3	84.7	84.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 800	64.7	76.0	82.0	84.0	85.3	85.3	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 700	64.7	77.3	83.3	86.0	87.3	87.3	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 600	64.7	77.3	83.3	86.0	87.3	88.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 500	64.7	77.3	83.3	86.0	87.3	88.0	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 400	64.7	77.3	83.3	86.0	87.3	88.0	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 300	64.7	77.3	83.3	86.0	87.3	88.0	91.3	92.7	93.3	94.7	95.3	95.3	96.0	96.0
≥ 200	64.7	77.3	83.3	86.0	87.3	88.0	91.3	92.7	93.3	95.3	96.0	96.0	96.7	96.7
≥ 100	64.7	77.3	83.3	86.0	87.3	88.0	91.3	92.7	93.3	95.3	96.0	96.0	97.3	97.3
≥ 0	64.7	77.3	83.3	86.0	87.3	88.0	91.3	92.7	93.3	95.3	96.0	96.0	98.0	98.0

150

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 20000	24.0	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 18000	25.3	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 16000	26.7	26.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 14000	26.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 12000	26.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 10000	26.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 9000	27.3	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 8000	34.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 7000	40.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 6000	40.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 5000	40.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 4500	40.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 4000	43.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 3500	45.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 3000	51.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 2500	58.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 2000	61.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1800	61.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1500	64.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 1200	66.0	79.3	80.0	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1000	66.7	82.0	82.7	84.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 900	66.7	82.0	83.3	85.3	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 800	67.3	82.7	84.0	86.7	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 700	67.3	83.3	84.7	87.3	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 600	67.3	84.0	85.3	88.0	89.3	89.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 500	68.0	84.7	86.0	89.3	90.7	90.7	92.7	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	68.0	84.7	86.0	89.3	91.3	91.3	93.3	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300	68.0	84.7	86.0	89.3	92.7	92.7	95.3	96.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	68.0	84.7	86.0	89.3	93.3	93.3	96.0	97.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	68.0	84.7	86.0	89.3	93.3	93.3	96.0	97.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	68.0	84.7	86.0	89.3	93.3	93.3	96.0	97.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 150

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201

STATION NAME
KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15

HOURS (L & T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	17.3	18.7	18.7	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 20000	18.7	20.0	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 18000	20.7	22.0	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 16000	20.7	22.0	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 14000	21.3	22.7	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 12000	21.3	23.3	23.3	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 10000	21.3	23.3	23.3	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 9000	22.7	24.7	24.7	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 8000	26.0	30.7	30.7	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 7000	34.0	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 6000	34.7	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 5000	36.0	41.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 4500	36.0	41.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 4000	38.0	43.3	43.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 3500	40.0	45.3	46.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 3000	45.3	51.3	52.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 2500	53.3	60.7	61.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 2000	60.7	70.0	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 1800	61.3	70.7	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1500	66.0	78.0	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1200	66.0	78.7	81.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1000	67.3	80.0	82.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 900	68.0	81.3	84.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 800	68.0	81.3	84.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 700	68.0	82.7	85.3	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 600	68.0	83.3	86.0	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 500	68.7	84.7	87.3	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 400	68.7	84.7	87.3	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 300	68.7	84.7	87.3	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 200	68.7	84.7	87.3	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 100	68.7	84.7	87.3	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 0	68.7	84.7	87.3	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 20000	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 18000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 16000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 14000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 12000	24.7	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 10000	24.7	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 9000	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 8000	28.7	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 7000	35.3	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 6000	35.3	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 5000	35.3	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 4500	35.3	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 4000	38.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 3500	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 3000	48.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 2500	56.0	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 2000	61.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 1800	63.3	66.0	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 1500	66.0	71.3	72.7	72.7	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1200	67.3	74.7	76.0	76.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1000	67.3	78.0	80.0	80.0	82.7	82.7	83.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0
≥ 900	67.3	78.0	80.0	80.0	82.7	83.3	84.0	84.0	84.0	85.3	85.3	85.3	85.3	85.3
≥ 800	67.3	78.0	80.0	80.0	84.0	84.0	86.0	86.0	86.0	88.0	88.0	88.0	88.0	88.0
≥ 700	67.3	80.0	82.0	84.0	86.0	86.0	88.0	88.0	89.3	90.7	90.7	90.7	90.7	90.7
≥ 600	67.3	80.0	82.0	84.0	87.3	88.0	90.0	91.3	91.3	92.7	92.7	92.7	92.7	92.7
≥ 500	68.0	81.3	83.3	85.3	88.7	89.3	92.0	92.7	92.7	94.7	94.7	94.7	94.7	94.7
≥ 400	68.0	81.3	83.3	86.0	89.3	90.0	92.7	93.3	93.3	95.3	95.3	95.3	95.3	95.3
≥ 300	68.0	82.0	84.0	86.0	90.0	90.7	93.3	94.0	94.0	96.7	97.3	97.3	97.3	97.3
≥ 200	68.0	82.0	84.0	86.0	90.0	90.7	93.3	94.0	94.0	96.7	97.3	97.3	97.3	97.3
≥ 100	68.0	82.0	84.0	86.0	90.0	90.7	93.3	94.0	94.0	96.0	98.7	98.7	98.7	98.7
≥ 0	68.0	82.0	84.0	86.0	90.0	90.7	93.3	94.0	94.0	98.0	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING	22.7	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 20000	24.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 18000	27.3	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 16000	27.3	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 14000	27.3	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 12000	28.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 10000	28.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 9000	28.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 8000	31.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 7000	35.3	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 6000	36.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 5000	36.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 4500	36.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 4000	39.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 3500	39.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 3000	44.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2500	52.7	58.7	59.3	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 2000	56.7	64.7	66.7	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 1800	58.0	66.7	68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1500	61.3	72.0	74.7	75.3	77.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1200	62.7	74.7	78.0	78.0	81.3	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1000	64.7	77.3	80.7	82.0	84.7	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 900	64.7	78.0	81.3	82.7	85.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 800	65.3	78.7	82.0	83.3	86.0	86.0	86.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 700	65.3	79.3	82.7	84.0	86.7	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 600	65.3	79.3	82.7	84.0	86.7	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 500	65.3	79.3	82.7	84.0	86.7	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 400	65.3	79.3	82.7	84.0	86.7	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 300	65.3	79.3	82.7	84.0	86.7	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 200	65.3	79.3	82.7	84.0	86.7	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 100	65.3	79.3	82.7	84.0	86.7	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 0	65.3	79.3	82.7	84.0	86.7	86.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	23.1	23.8	23.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1
≥ 20000	24.4	25.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.4	25.4
≥ 18000	26.4	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.5
≥ 16000	26.6	27.4	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.7	27.7
≥ 14000	26.7	27.5	27.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.8	27.8
≥ 12000	26.8	27.6	27.6	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	28.0	28.0
≥ 10000	26.8	27.8	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	28.0	28.0
≥ 9000	27.2	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.5	28.5
≥ 8000	31.2	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	33.0	33.0
≥ 7000	36.5	38.4	38.4	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8	38.8
≥ 6000	36.8	38.7	38.7	38.8	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.0	39.0
≥ 5000	37.0	38.9	38.9	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3
≥ 4500	37.2	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.4
≥ 4000	39.8	42.0	42.0	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5
≥ 3500	41.8	44.3	44.3	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9
≥ 3000	47.8	51.4	51.4	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.6	52.6
≥ 2500	54.3	58.9	58.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.4	60.4
≥ 2000	59.7	66.0	66.0	67.3	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8	67.8
≥ 1800	60.7	67.3	67.3	68.5	68.5	68.5	68.5	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.6	69.6
≥ 1500	64.7	73.4	73.4	75.1	75.1	75.1	75.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.7	76.7
≥ 1200	65.4	75.8	75.8	77.9	77.9	77.9	77.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.6	80.6
≥ 1000	66.3	78.0	78.0	80.9	80.9	80.9	80.9	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.4	84.4
≥ 900	66.5	78.7	78.7	81.8	81.8	81.8	81.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.8	85.8
≥ 800	66.7	79.1	79.1	82.3	82.3	82.3	82.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	87.0	87.0
≥ 700	66.7	79.9	79.9	83.1	83.1	83.1	83.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	88.8	88.8
≥ 600	66.7	80.2	80.2	83.3	83.3	83.3	83.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	90.3	90.3
≥ 500	66.9	80.8	80.8	84.0	84.0	84.0	84.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	92.4	92.4
≥ 400	66.9	80.9	80.9	84.2	84.2	84.2	84.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	94.3	94.3
≥ 300	66.9	81.0	81.0	84.3	84.3	84.3	84.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	96.6	96.6
≥ 200	66.9	81.0	81.0	84.3	84.3	84.3	84.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	97.9	97.9
≥ 100	66.9	81.0	81.0	84.3	84.3	84.3	84.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	99.0	99.0
≥ 0	66.9	81.0	81.0	84.3	84.3	84.3	84.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	99.3	99.3

1200

TOTAL NUMBER OF OBSERVATIONS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

OCT
MONTH

00
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 20000	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 18000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 16000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 14000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 12000	21.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 10000	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 9000	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 8000	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 7000	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 6000	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 5000	32.3	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 4500	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 4000	39.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 3500	44.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 3000	49.0	51.0	51.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 2500	54.2	58.7	58.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 2000	58.7	63.9	63.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 1800	59.4	64.5	66.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1500	63.2	72.3	76.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	63.2	74.2	78.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1000	63.9	75.5	80.0	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 900	65.2	76.8	81.9	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 800	65.8	78.1	83.2	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 700	65.8	79.4	84.5	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 600	65.8	79.4	84.5	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	65.8	80.0	85.2	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 400	65.8	80.7	85.8	90.3	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	65.8	80.7	85.8	90.3	94.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	65.8	80.7	85.8	90.3	94.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	65.8	80.7	85.8	90.3	94.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	65.8	80.7	85.8	90.3	94.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201

STATION NAME
KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

OCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	16.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 20000	16.8	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 18000	21.3	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 16000	21.3	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 14000	21.3	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 12000	21.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 10000	21.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 9000	21.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 8000	25.2	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 7000	29.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 6000	29.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 5000	31.0	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 4500	32.3	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 4000	38.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 3500	41.3	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 3000	48.4	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 2500	55.5	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 2000	60.0	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1800	60.0	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1500	65.2	79.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1200	66.5	81.3	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	67.7	82.6	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	67.7	82.6	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800	67.7	83.2	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 700	67.7	83.2	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 600	68.4	83.9	87.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	68.4	83.9	87.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 400	68.4	83.9	87.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 300	68.4	83.9	87.7	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 200	68.4	83.9	87.7	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 100	68.4	83.9	87.7	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 0	68.4	83.9	87.7	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

06
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 20000	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 18000	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 16000	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 14000	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 12000	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 10000	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 9000	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 8000	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 7000	29.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 6000	29.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 5000	29.7	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 4500	30.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 4000	34.2	36.8	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 3500	36.1	39.4	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 3000	42.6	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 2500	50.3	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 2000	57.4	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1800	57.4	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1500	62.6	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1200	63.9	81.3	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000	67.7	87.1	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	68.4	87.7	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	68.4	87.7	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700	68.4	87.7	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	68.4	87.7	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	68.4	88.4	91.6	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	68.4	89.7	92.9	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	68.4	89.7	92.9	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	68.4	89.7	92.9	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100	68.4	89.7	92.9	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 0	68.4	89.7	92.9	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

OCT
MONTH

09

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 20000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 18000	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 16000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 14000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 12000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 10000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 9000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
8000	24.5	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
7000	28.4	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
6000	29.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
5000	30.3	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
4500	34.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
4000	38.1	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
3500	46.5	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
3000	57.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
2500	64.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
2000	67.7	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
1800	73.6	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
1500	73.6	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
1200	74.2	84.5	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
1000	74.2	85.2	86.5	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
900	74.2	85.8	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
800	74.2	85.8	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
700	74.2	85.8	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
600	74.2	85.8	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
500	74.2	86.5	88.4	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
400	74.2	86.5	89.0	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
300	74.2	86.5	89.0	91.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
200	74.2	86.5	89.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
100	74.2	86.5	89.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
0	74.2	86.5	89.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

16201
STATIONKEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

OCT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 20000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 18000	20.0	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 16000	21.3	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 14000	21.3	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 12000	21.3	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 10000	21.3	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 9000	21.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 8000	27.7	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 7000	32.3	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 6000	32.9	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 5000	32.9	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 4500	34.2	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 4000	37.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 3500	40.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 3000	49.0	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 2500	56.1	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 2000	64.5	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1800	65.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1500	67.1	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1200	69.0	83.9	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	70.3	87.1	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	70.3	87.1	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	71.0	87.7	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700	71.0	87.7	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	71.0	88.4	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	71.0	88.4	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	71.0	89.0	92.3	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	71.0	89.0	92.3	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 200	71.0	89.0	92.3	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100	71.0	89.0	92.3	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 0	71.0	89.0	92.3	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ 0
NO CEILING	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 20000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 18000	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 16000	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 14000	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 12000	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 10000	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 9000	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 8000	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 7000	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 6000	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 5000	34.8	35.5	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 4500	36.8	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 4000	39.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 3500	41.9	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 3000	47.7	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2500	58.1	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 2000	61.9	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1800	63.2	67.7	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1500	69.7	76.1	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	72.3	79.4	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000	72.9	81.9	85.8	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	73.6	82.6	87.1	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	73.6	83.9	89.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700	73.6	83.9	89.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	73.6	83.9	89.0	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500	73.6	84.5	89.7	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	73.6	84.5	89.7	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	73.6	84.5	89.7	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 200	73.6	84.5	89.7	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100	73.6	84.5	89.7	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
0	73.6	84.5	89.7	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 20000	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 18000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 16000	21.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 14000	21.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 12000	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 10000	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 9000	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 8000	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 7000	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 6000	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 5000	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 4500	32.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 4000	39.4	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 3500	41.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 3000	46.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 2500	52.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 2000	58.7	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1800	60.0	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1500	63.9	73.6	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1200	65.8	79.4	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1000	66.5	80.0	81.9	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	66.5	81.3	83.2	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 800	66.5	81.3	83.2	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 700	66.5	82.6	84.5	86.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 600	66.5	83.2	85.2	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	66.5	84.5	86.5	88.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	66.5	84.5	86.5	88.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 300	66.5	84.5	86.5	88.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 200	66.5	84.5	86.5	88.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 100	66.5	84.5	86.5	88.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
0	66.5	84.5	86.5	88.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 20000	18.1	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 18000	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 16000	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 14000	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 12000	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 10000	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 9000	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 8000	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 7000	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 6000	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 5000	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 4500	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 4000	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 3500	37.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 3000	45.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2500	54.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 2000	59.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1800	60.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1500	63.2	77.4	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	64.5	80.0	81.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1000	65.5	82.6	85.2	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	66.5	82.6	85.2	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 800	66.5	83.2	85.8	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 700	66.5	83.9	87.1	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	66.5	83.9	87.1	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	66.5	83.9	87.1	89.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 400	66.5	84.5	87.7	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300	66.5	84.5	87.7	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 200	66.5	84.5	87.7	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 100	66.5	84.5	87.7	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
0	66.5	84.5	87.7	90.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.7	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
≥ 20000	18.7	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
≥ 18000	20.9	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥ 16000	21.4	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 14000	21.4	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 12000	21.9	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 10000	22.1	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
≥ 9000	22.3	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 8000	26.0	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 7000	29.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
≥ 6000	29.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 5000	30.5	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 4500	31.8	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 4000	37.0	39.2	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 3500	40.1	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 3000	46.9	50.1	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 2500	54.8	60.2	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 2000	60.7	68.1	68.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1800	61.7	70.0	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1500	66.1	77.2	78.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1200	67.3	80.4	82.0	84.0	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1000	68.7	82.7	85.4	86.9	87.6	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 900	69.0	83.2	86.1	87.7	88.3	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	69.2	83.9	87.1	88.9	89.7	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	69.2	84.3	87.7	89.6	90.6	90.7	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 600	69.3	84.5	87.9	90.0	91.3	91.5	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 500	69.3	85.0	88.5	90.9	92.7	92.9	93.6	94.0	94.1	94.2	94.4	94.4	94.4	94.4	94.4
≥ 400	69.3	85.4	89.0	91.5	93.7	94.0	95.3	95.9	96.0	96.2	96.5	96.5	96.5	96.5	96.5
≥ 300	69.3	85.4	89.0	91.5	94.0	94.4	95.9	96.5	96.6	96.9	97.3	97.3	97.3	97.3	97.3
≥ 200	69.3	85.4	89.0	91.5	94.1	94.6	96.5	97.2	97.3	97.7	98.2	98.2	98.2	98.2	98.2
≥ 100	69.3	85.4	89.0	91.5	94.1	94.6	96.5	97.2	97.3	97.7	98.2	98.3	98.3	98.3	98.3
≥ 0	69.3	85.4	89.0	91.5	94.1	94.6	96.5	97.2	97.3	97.7	98.2	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 20000	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 18000	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 16000	28.7	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 14000	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 12000	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 10000	30.0	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 9000	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 8000	34.0	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 7000	40.0	40.7	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 6000	40.0	40.7	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 5000	40.0	40.7	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 4500	40.7	41.3	41.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 4000	44.7	45.3	45.3	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 3500	45.3	46.7	46.7	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 3000	60.7	62.0	62.7	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 2500	66.7	68.7	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 2000	72.7	76.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1800	74.0	78.7	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1500	80.0	86.0	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	80.7	86.7	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	80.7	86.7	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	80.7	86.7	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	80.7	87.3	90.0	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 700	80.7	88.7	91.3	92.0	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	80.7	89.3	92.0	92.7	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	80.7	89.3	92.0	92.7	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 400	80.7	89.3	92.0	92.7	94.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300	80.7	89.3	92.0	92.7	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	80.7	89.3	92.0	92.7	94.7	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	80.7	89.3	92.0	92.7	94.7	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0	80.7	89.3	92.0	92.7	94.7	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 20000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 18000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 16000	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 14000	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 12000	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 10000	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 9000	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 8000	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 7000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 6000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 5000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4500	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 4000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3500	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 3000	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 2500	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 2000	77.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	77.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500	79.3	84.7	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	79.3	86.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1000	80.0	86.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	80.7	88.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	80.7	88.0	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	80.7	88.0	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	80.7	88.0	92.7	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	80.7	88.0	92.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	80.7	88.0	92.7	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	80.7	88.0	92.7	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	80.7	88.0	92.7	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	80.7	88.0	92.7	94.0	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 0	80.7	88.0	92.7	94.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

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CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

NOV
MONTH

06
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	¾	≥ 5/16	≥ ¼
NO CEILING	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 20000	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 18000	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 16000	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 14000	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 12000	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 10000	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 9000	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 8000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 7000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 6000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 5000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 4500	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 4000	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 3500	48.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 3000	56.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 2500	63.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 2000	69.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1800	70.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 1500	72.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1200	74.7	81.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1000	76.0	83.3	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 900	76.0	83.3	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 800	77.3	84.7	87.3	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 700	78.0	85.3	88.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 600	78.0	85.3	88.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 500	78.0	86.0	90.0	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 400	78.0	86.0	90.0	92.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300	78.0	86.0	90.0	92.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 200	78.0	86.0	90.0	92.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 100	78.0	86.0	90.0	92.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
0	78.0	86.0	90.0	92.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 20000	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 18000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 16000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 14000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 12000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 10000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 9000	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 8000	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 7000	27.3	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 6000	27.3	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 5000	27.3	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 4500	28.0	28.0	28.0	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 4000	36.0	37.3	37.3	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 3500	40.0	41.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 3000	48.7	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 2500	58.0	61.3	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 2000	67.3	72.0	73.3	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1800	68.0	72.7	74.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1500	71.3	78.7	80.0	80.7	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1200	72.0	80.7	82.7	84.0	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1000	72.0	84.7	88.0	89.3	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900	72.0	84.7	88.0	90.0	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	72.7	85.3	88.7	90.7	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	72.7	85.3	88.7	90.7	93.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	72.7	85.3	88.7	90.7	93.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	72.7	85.3	88.7	90.7	93.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7
≥ 400	72.7	85.3	89.3	91.3	94.0	94.0	94.7	97.3	97.3	97.3	97.3	98.0	98.0
≥ 300	72.7	85.3	89.3	91.3	94.0	94.0	95.3	98.0	98.0	98.0	98.0	98.7	98.7
≥ 200	72.7	85.3	89.3	91.3	94.0	94.0	95.3	98.0	98.0	98.7	98.7	99.3	99.3
≥ 100	72.7	85.3	89.3	91.3	94.0	94.0	95.3	98.0	98.7	98.7	98.7	99.3	99.3
≥ 0	72.7	85.3	89.3	91.3	94.0	94.0	95.3	98.0	98.7	98.7	98.7	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 20000	17.3	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 18000	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 16000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 14000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 12000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 10000	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 9000	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 8000	24.7	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 7000	32.0	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 6000	32.0	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 5000	32.7	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 4500	34.0	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 4000	40.0	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 3500	40.7	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 3000	48.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 2500	56.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 2000	64.0	66.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 1800	65.3	68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 1500	69.3	77.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1200	70.7	81.3	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1000	70.7	82.0	86.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	70.7	82.0	86.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 800	70.7	83.3	89.3	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	70.7	83.3	89.3	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	70.7	83.3	89.3	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 500	70.7	83.3	89.3	92.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	70.7	83.3	89.3	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 300	70.7	83.3	89.3	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 200	70.7	83.3	89.3	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 100	70.7	83.3	89.3	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 0	70.7	83.3	89.3	92.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7

TOTAL NUMBER OF OBSERVATIONS

130

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 20000	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 18000	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 16000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 14000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 12000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 10000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 9000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 8000	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 7000	29.3	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 6000	30.0	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 5000	32.0	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 4500	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 4000	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 3500	42.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 3000	50.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 2500	56.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 2000	64.7	67.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 1800	66.0	68.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 1500	70.7	79.3	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	72.0	84.0	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1000	72.0	85.3	88.7	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	72.0	85.3	89.3	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	72.0	85.3	89.3	90.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	72.0	85.3	89.3	90.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	72.0	85.3	89.3	90.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7
≥ 500	72.0	85.3	89.3	90.7	93.3	94.0	95.3	95.3	96.0	96.0	96.7	96.7	97.3	97.3
≥ 400	72.0	85.3	89.3	90.7	93.3	94.0	95.3	95.3	96.0	96.0	96.7	96.7	97.3	97.3
≥ 300	72.0	85.3	89.3	90.7	94.0	94.7	96.0	96.0	96.7	97.3	98.0	98.0	98.7	98.7
≥ 200	72.0	85.3	89.3	90.7	94.0	94.7	96.0	96.0	96.7	97.3	98.0	98.0	99.3	100.0
≥ 100	72.0	85.3	89.3	90.7	94.0	94.7	96.0	96.0	96.7	97.3	98.0	98.0	99.3	100.0
≥ 0	72.0	85.3	89.3	90.7	94.0	94.7	96.0	96.0	96.7	97.3	98.0	98.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 20000	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 18000	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 16000	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 14000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 12000	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 10000	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 9000	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 8000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 7000	30.0	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 6000	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 5000	32.0	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 4500	34.0	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 4000	37.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 3500	40.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 3000	44.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2500	53.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 2000	60.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 1800	61.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 1500	65.3	78.7	79.3	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1200	68.0	82.0	83.3	84.0	84.0	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1000	68.7	84.0	87.3	88.7	88.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	68.7	84.0	88.0	89.3	89.3	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	68.7	84.7	88.7	90.0	90.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	68.7	84.7	88.7	90.0	90.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 600	68.7	84.7	88.7	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 500	68.7	84.7	88.7	90.0	91.3	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 400	68.7	84.7	88.7	90.0	91.3	92.0	92.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 300	68.7	84.7	88.7	90.0	91.3	92.0	92.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	68.7	84.7	88.7	90.0	91.3	92.0	92.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	68.7	84.7	88.7	90.0	91.3	92.0	92.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0	68.7	84.7	88.7	90.0	91.3	92.0	92.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 130

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

TEARS

NOV
MONTH

21
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.7	24.7	24.7	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 20000	25.3	25.3	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 18000	25.3	25.3	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 16000	26.0	26.0	26.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 14000	26.7	26.7	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 12000	26.7	26.7	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 10000	27.3	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 9000	27.3	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 8000	30.0	30.0	30.0	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 7000	37.3	37.3	37.3	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 6000	37.3	37.3	37.3	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 5000	37.3	37.3	37.3	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 4500	37.3	38.0	38.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 4000	42.7	43.3	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 3500	46.0	46.7	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 3000	54.0	54.7	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 2500	63.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 2000	70.7	74.0	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1800	70.7	74.0	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1500	76.0	80.7	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1200	78.7	85.3	87.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	78.7	86.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 900	78.7	86.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 800	78.7	87.3	89.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 700	78.7	87.3	89.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 600	78.7	87.3	89.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 500	78.7	87.3	90.0	92.7	92.7	92.7	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 400	78.7	87.3	90.0	92.7	94.0	94.0	94.7	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	78.7	87.3	90.0	92.7	94.7	94.7	96.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	78.7	87.3	90.7	93.3	95.3	95.3	96.7	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	78.7	87.3	90.7	93.3	95.3	95.3	96.7	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	78.7	87.3	90.7	93.3	95.3	95.3	96.7	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7

150

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

NOV

MONTH

ALL

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ 0
NO CEILING	21.7	21.8	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 20000	22.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
≥ 18000	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
≥ 16000	25.1	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 14000	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 12000	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 10000	26.1	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥ 9000	26.9	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 8000	28.8	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 7000	35.4	35.8	35.8	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 6000	35.7	36.0	36.0	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 5000	36.1	36.4	36.4	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 4500	36.9	37.4	37.4	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 4000	41.8	42.7	42.8	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 3500	44.4	45.9	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 3000	53.3	55.3	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 2500	61.2	63.9	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 2000	68.3	72.5	73.0	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 1800	69.2	73.7	74.3	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1500	73.0	80.3	81.6	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200	74.5	83.4	85.6	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1000	74.8	84.8	87.7	88.6	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 900	74.9	85.0	88.2	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 800	75.2	85.6	89.4	90.8	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 700	75.3	86.0	89.8	91.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 600	75.3	86.1	89.8	91.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 500	75.3	86.2	90.1	91.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 400	75.3	86.2	90.2	92.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	75.3	86.2	90.2	92.1	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 200	75.3	86.2	90.3	92.2	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 100	75.3	86.2	90.3	92.3	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
0	75.3	86.2	90.3	92.3	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4

1200

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 20000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 18000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 16000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 14000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 12000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 10000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 9000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 8000	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 7000	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 6000	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 5000	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 4500	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 4000	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 3500	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 3000	41.3	43.2	43.2	43.2	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 2500	51.6	56.1	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7
≥ 2000	58.1	64.5	65.2	67.1	67.7	67.7	67.7	68.4	68.4	69.0	69.0	69.0	69.0	69.0
≥ 1800	59.4	66.5	67.1	69.0	69.7	69.7	69.7	70.3	70.3	71.0	71.0	71.0	71.0	71.0
≥ 1500	62.6	72.9	74.2	76.8	77.4	77.4	77.4	78.1	78.1	78.7	78.7	78.7	78.7	78.7
≥ 1200	63.2	74.8	76.8	79.4	80.0	80.0	80.0	80.7	80.7	81.3	81.3	81.3	81.3	81.3
≥ 1000	63.9	76.1	79.4	81.9	83.2	83.2	83.9	84.5	84.5	85.2	85.2	85.2	85.2	85.2
≥ 900	63.9	76.1	80.0	83.2	84.5	84.5	85.2	85.8	85.8	86.5	86.5	86.5	86.5	86.5
≥ 800	63.9	76.1	80.0	83.2	84.5	84.5	85.2	85.8	85.8	86.5	86.5	86.5	86.5	86.5
≥ 700	63.9	76.8	80.7	83.9	86.5	86.5	87.1	87.7	87.7	89.0	89.0	89.0	89.0	89.0
≥ 600	63.9	76.8	80.7	83.9	86.5	86.5	88.4	89.0	89.0	91.0	91.0	91.0	91.0	91.0
≥ 500	63.9	77.4	81.3	84.5	87.1	87.1	89.7	90.3	90.3	92.9	92.9	92.9	92.9	92.9
≥ 400	63.9	77.4	82.6	85.8	89.7	89.7	92.3	92.9	92.9	94.8	95.5	96.1	96.1	96.1
≥ 300	63.9	77.4	82.6	85.8	89.7	89.7	92.3	92.9	92.9	95.5	96.1	96.8	96.8	96.8
≥ 200	63.9	77.4	82.6	85.8	89.7	89.7	92.3	92.9	92.9	95.5	96.1	97.4	97.4	98.1
≥ 100	63.9	77.4	82.6	85.8	89.7	89.7	92.3	92.9	92.9	96.1	96.8	98.1	98.1	98.1
≥ 0	63.9	77.4	82.6	85.8	89.7	89.7	92.3	92.9	92.9	96.1	96.8	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201

STATION KEFLAVIK, ICELAND

73-77

DEC

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	14.2	14.8	14.8	14.8	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 20000	14.2	14.8	14.8	14.8	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 18000	14.8	15.5	15.5	15.5	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 16000	15.5	16.1	16.1	16.1	16.1	16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 14000	15.5	16.1	16.1	16.1	16.1	16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 12000	15.5	16.1	16.1	16.1	16.1	16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 10000	15.5	16.1	16.1	16.1	16.1	16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 9000	15.5	16.1	16.1	16.1	16.1	16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
8000	16.8	17.4	17.4	17.4	17.4	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
7000	21.3	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
6000	21.3	21.9	21.9	21.9	21.9	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
5000	21.9	22.6	22.6	22.6	22.6	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
4500	21.9	22.6	22.6	22.6	22.6	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
4000	25.8	27.1	27.1	27.1	27.1	27.1	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
3500	32.3	34.2	34.2	34.2	34.2	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
3000	41.9	43.9	43.9	43.9	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
2500	51.6	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
2000	58.1	67.1	67.1	67.1	67.1	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1800	58.7	68.4	68.4	68.4	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
1500	59.4	71.6	72.3	72.9	73.6	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
1200	60.7	74.2	75.5	76.1	77.4	77.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
1000	61.3	76.1	78.1	78.7	80.7	80.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
900	61.3	76.1	78.1	78.7	80.7	80.7	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
800	61.3	76.8	78.7	79.4	81.9	81.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
700	61.3	76.8	78.7	80.0	82.6	82.6	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
600	61.3	76.8	78.7	80.7	83.2	83.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
500	61.3	76.8	78.7	80.7	83.2	83.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
400	61.3	76.8	79.4	81.9	85.2	85.2	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
300	61.3	76.8	79.4	81.9	85.8	85.8	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
200	61.3	76.8	79.4	81.9	85.8	85.8	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
100	61.3	76.8	79.4	81.9	85.8	85.8	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
0	61.3	76.8	79.4	81.9	85.8	85.8	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

16201
STATIONKEFLAVIK, ICELAND
STATION NAME73-77
YEARSDEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)06
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 0
NO CEILING	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 20000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 18000	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 16000	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 14000	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 12000	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 10000	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 9000	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 8000	23.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 7000	23.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 6000	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 5000	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 4500	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 4000	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 3500	37.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 3000	47.7	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 2500	56.1	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 2000	58.1	64.5	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 1800	60.0	67.1	69.0	70.3	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0
≥ 1500	61.9	70.3	72.3	74.2	74.8	75.5	75.5	75.5	76.1	76.1	76.1	76.1
≥ 1200	63.9	75.5	78.7	80.7	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6
≥ 1000	63.9	77.4	81.3	83.9	85.8	86.5	87.1	87.1	87.7	87.7	88.4	88.4
≥ 900	63.9	77.4	81.3	83.9	85.8	86.5	87.1	87.1	87.7	87.7	88.4	88.4
≥ 800	63.9	77.4	81.3	83.9	86.5	87.1	87.7	87.7	88.4	88.4	89.0	89.0
≥ 700	63.9	77.4	81.9	84.5	87.1	87.7	88.4	88.4	89.0	89.0	90.3	90.3
≥ 600	63.9	77.4	81.9	84.5	87.1	87.7	88.4	88.4	89.0	89.0	90.3	90.3
≥ 500	63.9	77.4	81.9	84.5	87.7	88.4	89.0	89.0	90.3	90.3	92.3	92.3
≥ 400	63.9	77.4	81.9	85.2	89.7	90.3	92.9	93.6	94.2	94.2	95.5	95.5
≥ 300	63.9	77.4	81.9	85.2	89.7	90.3	92.9	93.6	94.2	94.2	96.8	97.4
≥ 200	63.9	77.4	81.9	85.2	89.7	90.3	92.9	93.6	94.2	94.2	96.8	97.4
≥ 100	63.9	77.4	81.9	85.2	89.7	90.3	92.9	93.6	94.2	94.2	96.8	97.4
0	63.9	77.4	81.9	85.2	89.7	90.3	92.9	93.6	94.2	94.2	96.8	97.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	21.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 20000	22.6	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 18000	23.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 16000	23.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 14000	23.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 12000	23.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 10000	23.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 9000	23.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 8000	25.2	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 7000	32.3	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 6000	32.3	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 5000	33.6	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 4500	33.6	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 4000	36.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 3500	38.1	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 3000	45.2	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2500	54.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 2000	58.1	68.4	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1800	58.1	69.0	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1500	61.3	75.5	78.1	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	61.3	76.1	79.4	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1000	61.3	76.8	80.7	82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	61.3	76.8	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 800	61.3	77.4	81.9	85.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 700	61.3	77.4	81.9	87.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 600	61.3	77.4	81.9	87.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 500	61.3	77.4	81.9	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 400	61.3	77.4	81.9	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 300	61.3	77.4	81.9	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 200	61.3	77.4	81.9	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 100	61.3	77.4	81.9	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 0	61.3	77.4	81.9	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201 STATION KEFLAVIK, ICELAND YEARS 73-77 MONTH DEC HOURS (LST) 12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	14.2	14.2	14.2	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 20000	14.8	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 18000	17.4	17.4	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 16000	18.7	18.7	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 14000	18.7	18.7	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 12000	19.4	19.4	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 10000	19.4	19.4	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 9000	19.4	19.4	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 8000	22.6	22.6	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 7000	30.3	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 6000	30.3	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 5000	30.3	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 4500	30.3	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 4000	34.8	36.8	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 3500	39.4	41.9	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 3000	44.5	47.1	47.1	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 2500	51.0	54.2	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 2000	56.8	63.2	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1800	57.4	64.5	69.0	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1500	58.1	71.0	75.5	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1200	58.1	74.2	79.4	81.3	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1000	58.1	76.1	81.9	83.9	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 900	58.7	77.4	83.2	85.2	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 800	59.4	78.7	84.5	86.5	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	59.4	79.4	85.2	87.1	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	59.4	79.4	85.2	87.1	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500	59.4	79.4	85.2	87.7	92.9	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	59.4	79.4	85.2	87.7	93.6	94.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	59.4	79.4	85.2	87.7	93.6	94.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	59.4	79.4	85.2	87.7	93.6	94.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	59.4	79.4	85.2	87.7	93.6	94.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 0	59.4	79.4	85.2	87.7	93.6	94.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 20000	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 18000	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 16000	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 14000	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 12000	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 10000	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 9000	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 8000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 7000	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 6000	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 5000	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 4500	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 4000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 3500	38.7	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 3000	41.9	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 2500	49.0	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 2000	52.3	60.0	61.3	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 1800	52.3	60.0	61.3	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 1500	56.1	68.4	70.3	72.9	73.6	74.2	74.2	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8
≥ 1200	57.4	70.3	72.3	75.5	76.1	76.8	76.8	76.8	76.8	76.8	77.4	77.4	78.1	78.1	78.1
≥ 1000	58.1	74.2	76.8	81.3	83.9	84.5	85.8	85.8	85.8	86.5	87.1	87.1	87.7	87.7	87.7
≥ 900	58.1	74.2	76.8	81.3	83.9	84.5	85.8	85.8	85.8	86.5	87.1	87.1	87.7	87.7	87.7
≥ 800	58.1	74.8	77.4	81.9	85.2	85.8	88.4	88.4	88.4	89.0	89.7	89.7	90.3	90.3	90.3
≥ 700	58.1	75.5	78.1	82.6	85.8	86.5	89.0	90.3	90.3	91.0	91.6	91.6	92.3	92.3	92.3
≥ 600	58.1	75.5	78.7	83.2	86.5	87.7	90.3	92.3	92.3	92.9	93.6	93.6	94.2	94.2	94.2
≥ 500	58.1	75.5	78.7	83.9	87.1	88.4	91.6	93.6	93.6	94.2	94.8	94.8	95.5	95.5	95.5
≥ 400	58.1	75.5	78.7	84.5	87.7	89.0	92.3	94.2	94.2	94.8	95.5	95.5	96.8	96.8	96.8
≥ 300	58.1	75.5	78.7	84.5	87.7	89.0	92.3	94.2	94.2	94.8	95.5	95.5	96.8	96.8	96.8
≥ 200	58.1	75.5	78.7	84.5	87.7	89.0	92.3	94.2	94.2	94.8	95.5	95.5	96.8	96.8	96.8
≥ 100	58.1	75.5	78.7	84.5	87.7	89.0	92.3	94.2	94.2	94.8	95.5	95.5	96.8	96.8	96.8
≥ 0	58.1	75.5	78.7	84.5	87.7	89.0	92.3	94.2	94.2	94.8	95.5	95.5	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	11.0	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 20000	11.6	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 18000	12.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 16000	12.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 14000	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 12000	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 10000	14.2	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 9000	14.2	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 8000	14.8	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 7000	20.0	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 6000	20.0	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 5000	20.7	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 4500	22.6	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 4000	27.1	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 3500	31.0	34.2	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 3000	36.1	41.3	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 2500	45.2	52.3	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 2000	53.6	63.2	63.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 1800	53.6	63.9	64.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1500	55.5	74.2	74.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1200	56.1	76.8	77.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1000	56.8	78.1	79.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 900	56.8	78.7	80.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800	56.8	78.7	80.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 700	56.8	78.7	80.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 600	56.8	79.4	81.3	88.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 500	56.8	80.0	81.9	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 400	56.8	80.0	81.9	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 300	56.8	80.0	81.9	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 200	56.8	80.0	81.9	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 100	56.8	80.0	81.9	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
0	56.8	80.0	81.9	89.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 20000	19.4	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 18000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 16000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 14000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 12000	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 10000	21.3	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 9000	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 8000	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 7000	27.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 6000	27.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 5000	27.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 4500	27.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 4000	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 3500	35.5	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 3000	44.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 2500	52.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 2000	58.1	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1800	58.1	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 1500	60.0	75.5	76.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1200	61.3	78.1	80.0	81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000	61.9	79.4	81.3	83.2	83.9	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2
≥ 900	61.9	79.4	81.3	83.2	83.9	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2
≥ 800	61.9	79.4	81.3	83.2	83.9	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2
≥ 700	61.9	79.4	81.9	85.2	87.1	87.7	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0
≥ 600	61.9	79.4	81.9	85.2	87.7	88.4	89.7	89.7	89.7	91.0	91.0	91.0	91.0	91.0
≥ 500	61.9	79.4	81.9	85.8	88.4	89.0	90.3	91.0	91.0	93.6	93.6	93.6	93.6	93.6
≥ 400	61.9	79.4	81.9	85.8	88.4	89.0	91.0	91.0	91.0	94.2	94.2	94.2	94.2	94.2
≥ 300	61.9	79.4	81.9	85.8	89.0	89.7	91.6	92.9	92.9	95.5	95.5	95.5	95.5	95.5
≥ 200	61.9	79.4	81.9	85.8	89.0	89.7	91.6	92.9	92.9	95.5	95.5	95.5	95.5	95.5
≥ 100	61.9	79.4	81.9	85.8	89.0	89.7	91.6	92.9	92.9	95.5	95.5	95.5	95.5	95.5
≥ 0	61.9	79.4	81.9	85.8	89.0	89.7	91.6	92.9	92.9	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

REPLAINS, ICELAND

STATION NAME

73-77

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	16.2	16.8	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
≥ 20000	16.5	17.1	17.1	17.2	17.2	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 18000	17.9	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
≥ 16000	18.2	18.8	18.8	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0
≥ 14000	18.4	19.0	19.0	19.0	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥ 12000	18.5	19.0	19.0	19.1	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2
≥ 10000	18.9	19.4	19.4	19.5	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6
≥ 8000	19.2	19.8	19.8	19.8	19.8	19.8	19.9	19.9	19.9	19.9	19.9	19.9	19.9
≥ 6000	20.6	21.1	21.1	21.2	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 4000	20.5	27.4	27.5	27.6	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 3000	26.6	27.6	27.7	27.7	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8
≥ 2000	27.2	28.2	28.2	28.3	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 1800	27.5	28.5	28.6	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 1500	31.7	32.9	33.0	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 1200	35.8	37.9	38.1	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 1000	42.9	45.6	45.7	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 900	51.5	56.7	57.2	57.6	57.7	57.7	57.8	57.8	57.9	58.0	58.0	58.0	58.0
≥ 800	56.6	65.2	66.4	67.3	67.7	67.7	67.9	68.0	68.1	68.2	68.2	68.2	68.2
≥ 700	57.2	66.3	67.6	68.6	68.9	69.0	69.1	69.2	69.3	69.4	69.4	69.4	69.4
≥ 600	59.4	72.4	74.3	76.5	77.0	77.2	77.5	77.6	77.7	77.7	77.8	77.9	77.9
≥ 500	60.2	75.0	77.4	79.8	80.6	80.7	81.2	81.3	81.4	81.5	81.6	81.8	81.8
≥ 400	60.7	76.8	79.8	82.7	84.3	84.4	85.2	85.3	85.4	85.9	86.0	86.2	86.2
≥ 300	60.7	77.0	80.2	83.2	84.8	85.0	85.8	86.1	86.1	86.6	86.8	87.0	87.0
≥ 200	60.8	77.4	80.7	84.0	86.1	86.2	87.3	87.6	87.7	88.2	88.4	88.8	88.8
≥ 100	60.8	77.7	81.1	84.8	87.3	87.5	88.6	89.0	89.1	89.8	90.1	90.5	90.5
≥ 0	60.8	77.7	81.3	85.0	88.0	88.3	89.6	90.2	90.3	91.1	91.5	92.1	92.1
	60.8	77.9	81.5	85.4	88.6	89.0	90.7	91.5	91.6	92.7	93.2	94.0	94.0
	60.8	77.9	81.7	85.9	89.5	90.0	92.3	93.3	93.4	94.6	95.2	96.3	96.6
	60.8	77.9	81.7	85.9	89.7	90.2	92.7	93.8	93.9	95.3	96.0	97.3	97.7
	60.8	77.9	81.7	85.9	89.7	90.2	92.7	93.8	93.9	95.4	96.1	97.9	98.2
	60.8	77.9	81.7	85.9	89.7	90.2	92.7	93.8	93.9	95.5	96.1	98.6	99.3
	60.8	77.9	81.7	85.9	89.7	90.2	92.7	93.8	93.9	95.5	96.1	98.6	99.4

TOTAL NUMBER OF OBSERVATIONS 1240

CEILING VERSUS VISIBILITY

16201
STATION

KEFLAVIK, ICELAND
STATION NAME

73-77

STATION NAME

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	≥ 0
NO CEILING	18.3	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
≥ 20000	19.1	19.8	19.8	19.8	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
≥ 18000	20.6	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
≥ 16000	21.0	21.8	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 14000	21.2	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 12000	21.3	22.1	22.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 10000	21.7	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 9000	22.1	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 8000	24.6	25.7	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 7000	29.1	30.6	30.7	30.7	30.7	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 6000	29.6	31.1	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 5000	30.1	31.7	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 4500	30.6	32.3	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 4000	34.3	36.6	36.7	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 3500	36.8	39.7	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 3000	42.4	46.2	46.6	46.7	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 2500	49.1	54.8	55.4	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 2000	55.3	63.6	64.5	64.9	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 1800	56.1	65.0	66.0	66.3	66.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 1500	60.5	72.3	74.0	75.0	75.4	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 1200	61.8	75.3	77.5	78.8	79.5	79.6	79.9	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 1000	63.0	78.4	81.4	83.1	84.1	84.2	84.7	85.0	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 900	63.1	78.8	81.9	83.8	84.9	85.0	85.5	85.8	85.8	86.0	86.1	86.1	86.2	86.2	86.2	86.2
≥ 800	63.3	79.7	83.2	85.3	86.7	86.8	87.5	87.9	87.9	88.2	88.2	88.2	88.4	88.4	88.4	88.4
≥ 700	63.4	80.2	83.9	86.3	88.0	88.1	89.0	89.4	89.4	89.7	89.8	89.9	90.0	90.0	90.0	90.0
≥ 600	63.5	80.6	84.4	86.9	88.8	89.0	90.1	90.5	90.6	91.0	91.1	91.2	91.3	91.3	91.3	91.3
≥ 500	63.6	81.0	85.0	87.9	90.2	90.4	91.8	92.5	92.6	93.2	93.4	93.5	93.7	93.8	93.8	93.8
≥ 400	63.6	81.2	85.4	88.5	91.2	91.5	93.2	94.2	94.3	95.2	95.5	95.6	96.0	96.1	96.2	96.2
≥ 300	63.6	81.3	85.4	88.7	91.5	91.8	93.8	94.9	95.1	96.2	96.7	96.8	97.3	97.4	97.6	97.6
≥ 200	63.6	81.3	85.5	88.7	91.6	92.0	94.1	95.2	95.4	96.6	97.3	97.4	98.1	98.3	98.6	98.8
≥ 100	63.6	81.3	85.5	88.8	91.6	92.0	94.1	95.3	95.4	96.7	97.4	97.6	98.4	98.7	99.1	99.5
0	63.6	81.3	85.5	88.8	91.6	92.0	94.1	95.3	95.4	96.7	97.4	97.6	98.4	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 14601

THE

11

MONTH
JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER

NAVWEASERVCOM

SKY COVER

16201 KEFLAVIK, ICELAND 73-77 FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
FEB	00	5.0	3.5	2.8	2.8	4.3	5.0	4.3	5.7	9.2	9.2	48.2	141
	03	3.5	2.8	3.5	4.3	4.3	3.5	7.1	2.1	12.1	7.1	49.6	141
	06	2.8	2.8	4.3	5.7	4.3	2.8	4.3	5.0	9.2	9.9	48.9	141
	09		5.0	3.5	2.1	2.8	4.3	2.1	8.5	18.4	12.8	40.4	141
	12	2.1	.7	2.8	4.3	2.1	4.3	.7	5.7	15.6	15.6	46.1	141
	15	1.4	4.3	2.8	2.8	2.1	3.5	5.0	4.3	11.3	10.6	51.8	141
	18	2.1	2.1	4.3	.7	3.5	2.1	4.3	7.1	9.9	17.0	46.8	141
	21	3.5	2.8	3.5	5.0	5.7	3.5	4.3	6.4	7.8	7.8	49.6	141
TOTALS		2.6	3.0	3.4	3.5	3.6	3.6	4.0	5.6	11.7	11.3	47.7	1128

MAR
MONTH

5704 SKY COVER JAN 68

NAVWEASERVCOM

四書章句

APR
MONTH

PERIOD

TOTALS

SKY COVER

16201 STATION KEFLAVIK, ICELAND 73-77 PERIOD JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00	.7	2.0	4.0	6.7	1.3	1.3	2.7	3.3	11.3	18.7	48.0	8.2	150
	03		4.0	4.0	2.7	2.7	3.3	2.7	4.0	7.3	16.0	53.3	8.3	150
	06	.7	3.3	4.0	2.7	4.0	2.0	2.7	4.0	10.7	14.7	51.3	8.2	150
	09	1.3	4.0	2.7	2.0	2.7	1.3	2.0	6.7	12.7	12.0	52.7	8.3	150
	12	.7	2.0	2.7	6.7	1.3	3.3	3.3	5.3	9.3	16.7	48.7	8.2	150
	15		2.0	5.3	4.0	3.3	5.3	2.7	6.0	11.3	17.3	42.7	8.0	150
	18		2.0	1.3	4.0	2.7	4.0	1.3	9.3	12.0	20.7	42.7	8.3	150
	21		1.3	6.7	3.3	1.3	3.3	4.7	5.3	10.0	19.3	44.7	8.1	150
TOTALS		4	2.6	3.8	4.0	2.4	3.0	2.8	5.5	10.6	16.9	48.0	8.2	1200

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5704 SKY COVER JAN 68

16201	KEFLAVIK, ICELAND	73-77	JUL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00	.6	1.3	4.5	5.2	1.3	3.2	1.3	4.5	6.5	10.3	61.3	8.4	155
	03	.6	1.9	3.2	4.5	2.6	1.3	2.6	7.1	8.4	7.7	60.0	8.4	155
	06	1.9	1.3	2.6	3.9	1.3		1.3	5.8	4.5	12.3	65.2	8.7	155
	09	1.3	2.6	3.2	2.6	1.3	2.6		3.2	4.5	7.1	9.0	62.6	8.5
	12	1.3	1.9	2.6	3.9	1.9	1.9	4.5	4.5	8.4	14.8	54.2	8.4	155
	15	1.3		4.5	2.6	3.9	3.9	5.8	5.8	5.2	14.8	52.3	8.2	155
	18	.6	3.2	2.6	3.2	1.9	2.6	1.3	5.8	10.3	16.8	51.6	8.4	155
	21	1.3	1.3	2.6	5.2	3.2	1.9	1.9	3.9	11.0	17.4	50.3	8.3	155
TOTALS		1.1	1.7	3.2	3.9	2.2	2.2	2.7	5.2	7.7	12.9	57.2	8.4	1240

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00	1.3	2.6	3.9	4.5	2.6	3.9	1.3	3.2	6.5	9.0	61.3	8.3	155
	03	1.3	.6	6.5	5.2	2.6	3.9	1.9	3.2	1.9	10.3	62.6	8.3	155
	06		1.3	3.9	3.2	5.2	3.9	.6	3.2	6.5	12.3	60.0	8.5	155
	09		3.2	3.2	4.5	.6	4.5	1.3	5.2	5.2	14.8	57.4	8.4	155
	12	.6	1.9	3.9	2.6	1.9	1.3	2.6	9.0	9.7	12.9	53.5	8.4	155
	15		2.6	3.9	1.9	3.2	2.6	4.5	5.8	9.0	7.7	58.7	8.4	155
	18	.6	1.9	3.2	5.2	3.2	3.2	2.6	4.5	8.4	12.9	54.2	8.3	155
	21	1.3	.6	5.8	5.2	3.2	.6	1.9	3.2	6.5	16.1	55.5	8.3	155
TOTALS		6	1.8	4.3	4.0	2.8	3.0	2.1	4.7	6.7	12.0	57.9	8.4	1240

SKY COVER

STATION
16201

KEFLAVIK, ICELAND STATION NAME

KEFLAVIK, ICELAND

73-77

PERIOD

MONTH

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5704 SKY COVER JAN 68

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00	2.7	6.7	5.3	4.7	2.7	1.3	7.3	6.0	10.0	10.7	42.7	7.4	150
	03	3.3	2.0	8.0	6.0	6.7	6.0	3.3	10.0	8.0	8.0	40.7	7.2	150
	06	.7	3.3	6.7	6.7	6.0	2.7	6.0	6.0	8.0	6.7	47.3	7.5	150
	09	.7	2.0	2.7	4.0	2.7	4.7	8.7	8.7	9.3	13.3	43.3	7.9	150
	12		3.3	3.3	.7	2.7	3.3	6.0	13.3	8.7	20.7	38.0	8.0	150
	15		2.7	3.3	2.0	2.0	.7	4.7	10.0	14.7	21.3	38.7	8.2	150
	18		2.0	3.3	2.0	2.7	1.3	7.3	7.3	13.3	12.0	46.7	8.3	150
	21	2.0	2.7	6.7	4.7	4.0	2.7	2.7	10.0	10.0	12.0	42.7	7.6	150
TOTALS		1.2	3.1	4.9	3.9	3.7	2.6	5.8	8.9	10.3	13.1	42.8	7.8	1200

SKY COVER

16201	KEFLAVIK, ICELAND	73-77	DEC
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00	3.2	2.6	1.9	3.2	4.5	1.9	5.8	6.5	13.5	7.1	49.7	7.9	155
	03	3.9	1.3	2.6	1.3	3.9	2.6	3.9	5.8	11.6	9.7	53.5	8.2	155
	06	3.2	.6	1.3	3.9	4.5	6.5	5.8	5.8	11.0	8.4	49.0	7.9	155
	09	.6	1.9	3.2	5.8	5.8	5.2	7.7	5.8	9.7	7.7	46.5	7.7	155
	12		1.9	1.9	3.2	3.2	2.6	3.2	9.0	15.5	18.1	41.3	8.2	155
	15	1.3	.6	2.6	1.9	1.9	.6	5.2	11.0	7.7	17.4	49.7	8.5	155
	18		3.2	1.3	1.9	3.2	2.6	1.9	7.1	16.1	13.5	49.0	8.4	155
	21	2.6	1.3	1.9	3.9	4.5	4.5	4.5	9.7	9.0	9.0	49.0	8.0	155
TOTALS		1.9	1.7	2.1	3.1	3.9	3.3	4.8	7.6	11.8	11.4	48.5	8.1	1240

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) KEFLAVIK--ETC(U)
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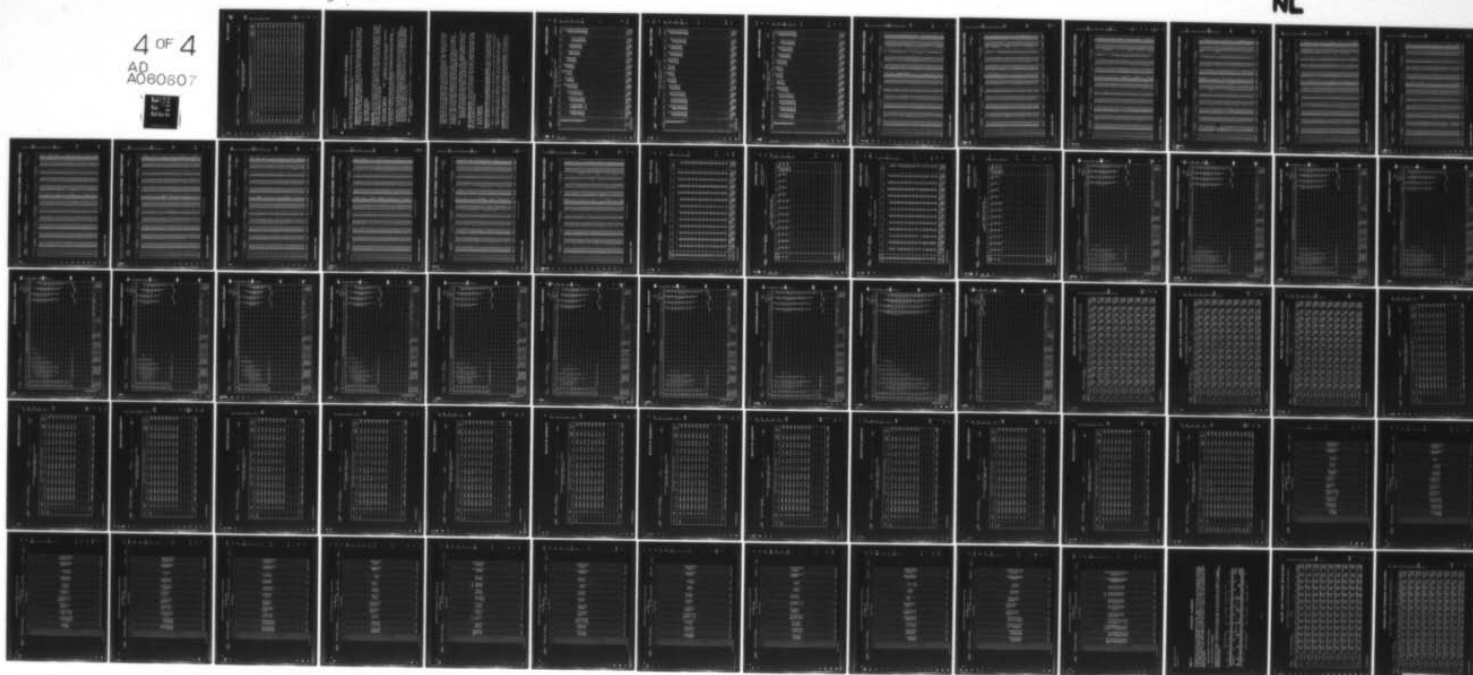
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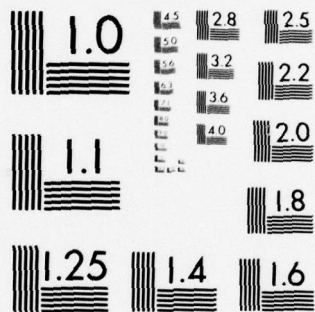
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

SKY COVER

16201 KEFLAVIK, ICELAND STATION NAME 73-77 PERIOD ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	2.3	2.7	3.6	2.8	3.4	3.6	4.7	7.7	11.6	12.3	45.3	7.9	1233
FEB		2.6	3.0	3.4	3.5	3.6	3.6	4.0	5.6	11.7	11.3	47.7	7.9	1128
MAR		.9	1.9	2.1	4.0	2.8	3.3	3.6	5.5	7.9	12.5	55.5	8.4	1240
APR		.6	1.4	1.7	1.6	2.6	2.2	4.2	5.2	9.1	11.3	60.1	8.7	1200
MAY		3.2	5.6	4.0	4.5	2.9	2.7	3.7	6.2	9.5	13.4	44.4	7.6	1240
JUN		.4	2.6	3.8	4.0	2.4	3.0	2.8	5.5	10.6	16.9	48.0	8.2	1200
JUL		1.1	1.7	3.2	3.9	2.2	2.2	2.7	5.2	7.7	12.9	57.2	8.4	1240
AUG		.6	1.8	4.3	4.0	2.8	3.0	2.1	4.7	6.7	12.0	57.9	8.4	1240
SEP		1.0	3.8	3.7	4.5	5.1	3.9	4.8	7.6	8.7	12.7	44.3	7.7	1200
OCT		1.5	3.1	3.6	3.6	2.4	3.1	3.9	5.7	9.3	12.6	51.2	8.1	1240
NOV		1.2	3.1	4.9	3.9	3.7	2.6	5.8	8.9	10.3	13.1	42.8	7.8	1200
DEC		1.9	1.7	2.1	3.1	3.9	3.3	4.8	7.6	11.8	11.4	48.5	8.1	1240
TOTALS		1.4	2.7	3.4	3.6	3.2	3.0	3.9	6.3	9.6	12.7	50.2	8.1	14601

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

21

49-77

YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

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NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION 16201 KEPLAVIK, ICELAND 1949-1977 JANUARY MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C		
1	31.5	-0.3	35.3	1.8	46	7.8	27.7	-2.4	16	-8.9	1951*							
2	31.9	-0.1	35.7	2.1	45	7.2	28.0	-2.2	6	-14.4	1968							
3	32.1	0.1	36.5	2.5	48	8.9	27.7	-2.4	9	-12.8	1968							
4	32.6	0.3	37.0	2.8	47	8.3	28.2	-2.1	10	-12.2	1968							
5	32.1	0.1	35.5	1.9	47	8.3	28.7	-1.8	13	-10.6	1959							
6	32.5	0.3	35.9	2.2	47	8.3	29.1	-1.6	16	-8.9	1970							
7	32.9	0.5	35.8	2.1	48	8.9	30.0	-1.1	13	-10.6	1970							
8	32.2	0.1	35.6	2.0	46	7.8	28.9	-1.7	11	-11.7	1970							
9	32.2	0.1	35.7	2.1	47	8.3	28.6	-1.9	14	-10.0	1959							
10	32.6	0.3	36.0	2.2	47	8.3	29.2	-1.6	15	-9.4	1959							
11	32.8	0.4	36.6	2.6	46	7.8	28.9	-1.7	16	-8.9	1959*							
12	32.2	0.1	36.5	2.5	46	7.8	27.8	-2.3	14	-10.0	1955							
13	31.1	-0.5	34.7	1.5	46	7.8	27.4	-2.6	8	-13.3	1955							
14	31.3	-0.4	35.0	1.7	47	8.3	27.7	-2.4	9	-12.8	1969							
15	31.0	-0.6	35.2	1.8	48	8.9	26.8	-2.9	7	-13.9	1969							
16	30.7	-0.7	34.2	1.2	47	8.3	27.2	-2.7	11	-11.7	1955							
17	30.0	-1.1	34.0	1.1	47	8.3	26.1	-3.3	13	-10.6	1955							
18	28.8	-1.8	32.7	0.4	48	8.9	25.0	-3.9	11	-11.7	1971*							
19	30.0	-1.1	34.1	1.2	46	7.8	25.9	-3.4	10	-12.2	1971							
20	30.2	-1.0	33.8	1.0	44	6.7	26.5	-3.1	10	-12.2	1971							
21	31.3	-0.4	35.4	1.9	46	7.8	27.2	-2.7	13	-10.6	1971*							
22	32.4	0.2	36.1	2.3	47	8.3	28.7	-1.8	9	-12.8	1956							
23	31.7	-0.2	35.8	2.1	44	6.7	27.5	-2.5	5	-15.0	1956							
24	32.2	0.1	36.1	2.3	45	7.2	28.3	-2.1	4	-15.6	1956							
25	33.7	0.9	37.3	2.9	47	8.3	30.2	-1.0	16	-8.9	1952							
26	32.9	0.5	36.5	2.5	47	8.3	29.4	-1.4	17	-8.3	1968							
27	33.4	0.8	37.7	3.2	45	7.2	29.1	-1.6	16	-8.9	1968							
28	33.9	1.1	37.6	3.1	48	8.9	30.1	-1.1	20	-6.7	1977*							
29	32.0	0.0	35.7	2.1	49	9.4	28.3	-2.1	10	-12.2	1971							
30	31.1	-0.5	35.0	1.7	47	8.3	27.1	-2.7	6	-14.4	1971							
31	32.0	0.0	35.6	2.0	45	7.2	28.3	-2.1	10	-12.2	1969							
Monthly	31.8	-0.1	35.6	2.0	49	9.4	28.1	-2.2	4	-15.6	1956							

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1976

16201 KEFLAVIK, ICELAND 1949-1977 FERRUARY MONTH

STATION STATION NAME YEARS

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C				
1	33.0	0.6	36.6	2.6	45	7.2	29.4	-1.4	10	-12.2	1956		29.4	-1.4	10	-12.2	1956		1969	
2	34.0	1.1	38.2	3.4	48	8.9	29.9	-1.2	14	-10.0	1959		29.9	-1.2	14	-10.0	1959		1969	
3	33.1	0.6	37.3	2.9	46	7.8	29.0	-1.7	15	-9.4	1971*		29.0	-1.7	15	-9.4	1971*		1964	
4	32.1	0.1	35.3	1.8	47	8.3	28.8	-1.8	15	-9.4	1965*		28.8	-1.8	15	-9.4	1965*		1964	
5	31.1	-0.5	35.8	2.1	46	7.8	26.3	-3.2	9	-12.8	1965		26.3	-3.2	9	-12.8	1965		1969	
6	32.2	0.1	36.4	2.4	48	8.9	28.0	-2.2	3	-16.1	1960*		28.0	-2.2	3	-16.1	1960*		1969	
7	31.8	-0.1	35.8	2.1	48	8.9	27.8	-2.3	1	-17.2	1965*		27.8	-2.3	1	-17.2	1965*		1969	
8	32.0	0.0	36.6	2.6	48	8.9	27.4	-2.6	12	-11.1	1964		27.4	-2.6	12	-11.1	1964		1954	
9	32.5	0.3	36.3	2.4	47	8.3	28.7	-1.8	18	-7.8	1959		28.7	-1.8	18	-7.8	1959		1973	
10	33.0	0.6	36.6	2.6	46	7.8	29.4	-1.4	19	-7.2	1964		29.4	-1.4	19	-7.2	1964		1955	
11	32.2	0.1	36.3	2.4	47	8.3	28.2	-2.1	20	-6.7	1964		28.2	-2.1	20	-6.7	1964		1952	
12	31.4	-0.3	35.2	1.8	45	7.2	27.6	-2.4	12	-11.1	1964		27.6	-2.4	12	-11.1	1964		1968	
13	31.6	-0.2	35.6	2.0	46	7.8	27.5	-2.5	13	-10.6	1967		27.5	-2.5	13	-10.6	1967		1968	
14	31.1	-0.5	35.2	1.8	47	8.3	27.1	-2.7	14	-10.0	1967		27.1	-2.7	14	-10.0	1967		1970	
15	32.2	0.1	36.0	2.2	47	8.3	26.4	-2.0	17	-8.3	1965		26.4	-2.0	17	-8.3	1965		1968	
16	32.4	0.2	37.2	2.9	47	8.3	27.6	-2.4	15	-9.4	1965		27.6	-2.4	15	-9.4	1965		1960	
17	33.5	0.8	37.0	2.8	47	8.3	30.0	-1.1	14	-10.0	1965		30.0	-1.1	14	-10.0	1965		1960	
18	33.9	1.1	37.7	3.2	47	8.3	30.0	-1.1	15	-9.4	1965		30.0	-1.1	15	-9.4	1965		1960	
19	33.1	0.6	37.1	2.8	48	8.9	29.1	-1.6	17	-8.3	1965		29.1	-1.6	17	-8.3	1965		1969	
20	32.5	0.3	36.2	2.3	48	8.9	28.8	-1.8	16	-8.9	1972		28.8	-1.8	16	-8.9	1972		1969	
21	32.6	0.3	36.6	2.7	46	7.8	28.4	-2.0	21	-6.1	1961		28.4	-2.0	21	-6.1	1961		1970*	
22	34.5	1.4	37.7	3.2	47	8.3	31.3	-0.4	20	-6.7	1961		31.3	-0.4	20	-6.7	1961		1973	
23	34.2	1.2	37.9	3.3	47	8.3	30.6	-0.8	17	-8.3	1962		30.6	-0.8	17	-8.3	1962		1973	
24	34.8	1.6	38.6	3.7	48	8.9	31.1	-0.5	14	-10.0	1972		31.1	-0.5	14	-10.0	1972		1973	
25	34.7	1.5	38.5	3.6	47	8.3	31.0	-0.6	17	-8.3	1974*		31.0	-0.6	17	-8.3	1974*		1957	
26	34.0	1.1	37.9	3.3	47	8.3	30.0	-1.1	14	-10.0	1964		30.0	-1.1	14	-10.0	1964		1957	
27	36.0	2.2	39.6	4.2	47	8.3	32.4	0.2	19	-7.2	1971*		32.4	0.2	19	-7.2	1971*		1967	
28	35.1	1.7	38.6	3.7	47	8.3	31.5	-0.3	17	-8.3	1968		31.5	-0.3	17	-8.3	1968		1967	
29	31.6	-0.2	35.3	1.8	46	7.8	28.0	-2.2	15	-9.4	1972		28.0	-2.2	15	-9.4	1972		1976	
30																				
31																				
Monthly	33.0	0.6	36.9	2.7	48	8.9	29.1	-1.6	1	-17.2	1972*		29.1	-1.6	1	-17.2	1972*		1969	

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

STATION 16201 KEFLAVIK, ICELAND 1949-1977 YEARS MONTH MARCH

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME		
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	32.3	0.2	36.4	2.4	46	7.8	1963*	28.2	-2.1	16	-8.9
2	31.8	-0.1	35.8	2.1	47	8.3	1963	27.9	-2.3	14	-10.0
3	32.2	0.1	36.1	2.3	47	8.3	1964	28.3	-2.1	15	-9.4
4	34.0	1.1	37.9	3.3	46	7.8	1972*	30.0	-1.1	18	-7.8
5	33.1	0.6	37.5	3.1	47	8.3	1971	28.7	-1.8	8	-13.3
6	32.5	0.3	36.5	2.5	46	7.8	1968	28.5	-1.9	9	-12.8
7	33.8	1.0	37.8	3.2	48	8.9	1961	29.7	-1.3	5	-15.0
8	34.2	1.2	38.2	3.4	48	8.9	1956	30.1	-1.1	4	-15.6
9	34.5	1.4	38.5	3.6	47	8.3	1965*	30.4	-0.9	7	-13.9
10	35.3	1.8	39.7	4.3	48	8.9	1972	30.9	-0.6	19	-7.2
11	35.8	2.1	39.2	4.0	48	8.9	1953	32.5	0.3	18	-7.8
12	35.8	2.1	39.7	4.3	46	7.8	1968*	31.9	-0.1	20	-6.7
13	35.8	2.1	39.2	4.0	48	8.9	1964	32.4	0.2	19	-7.2
14	36.3	2.4	40.4	4.7	48	8.9	1964	32.3	0.2	19	-7.2
15	36.2	2.3	40.1	4.5	49	9.4	1964	32.3	0.2	21	-6.1
16	36.9	2.7	41.0	5.0	47	8.3	1972*	32.9	0.5	23	-5.0
17	36.2	2.3	40.2	4.6	46	7.8	1972*	32.3	0.2	20	-6.7
18	36.9	2.7	40.7	4.8	47	8.3	1960*	33.2	0.7	20	-6.7
19	36.8	2.7	40.3	4.6	47	8.3	1959	33.2	0.7	14	-10.0
20	35.6	2.0	39.5	4.2	49	9.4	1959	31.8	-0.1	11	-11.7
21	36.2	2.3	40.5	4.7	48	8.9	1960	31.8	-0.1	15	-9.4
22	34.9	1.6	39.2	4.0	51	10.6	1959	30.7	-0.7	17	-8.3
23	34.3	1.3	38.5	3.6	47	8.3	1963*	30.1	-1.1	15	-9.4
24	33.3	0.7	37.3	2.9	47	8.3	1972*	29.3	-1.5	14	-10.0
25	31.7	-0.2	35.9	2.2	47	8.3	1960*	27.6	-2.4	15	-9.4
26	32.8	0.4	37.3	2.9	46	7.8	1964	28.4	-2.0	10	-12.2
27	35.0	1.7	38.8	3.8	51	10.6	1956	31.2	-0.4	19	-7.2
28	34.7	1.5	38.8	3.8	48	8.9	1956	30.7	-0.7	18	-7.8
29	35.1	1.7	39.3	4.1	50	10.0	1957	30.8	-0.7	20	-6.7
30	34.2	1.2	37.7	3.2	48	8.9	1960*	30.6	-0.8	14	-10.0
31	34.1	1.2	38.3	3.5	50	10.0	1965	29.9	-1.2	7	-13.9
Monthly	34.6	1.4	38.6	3.7	51	10.6	1959*	30.6	-0.8	4	-15.6

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

STATION 16201 KEFLAVIK, ICELAND STATION NAME 1949-1977 YEARS APRIL MONTH

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP				DATE
	°F	°C	AVERAGE	°F	°C	EXTREME	AVERAGE	°F	°C	EXTREME	
1	34.0	1.1	38.2	3.4	48	8.9	29.8	-1.2	6	-14.4	1968
2	34.7	1.5	39.0	3.9	46	7.8	30.4	-0.9	13	-10.6	1953
3	36.1	2.3	40.2	4.6	49	9.4	32.0	0.0	18	-7.8	1961
4	36.0	2.2	40.4	4.7	48	8.9	31.6	-0.2	22	-5.6	1973*
5	35.3	1.8	40.1	4.5	49	9.4	30.5	-0.8	19	-7.2	1973
6	35.7	2.1	40.0	4.4	50	10.0	31.3	-0.4	20	-6.7	1962*
7	36.5	2.5	40.5	4.7	50	10.0	32.5	0.3	20	-6.7	1959
8	37.4	3.0	41.1	5.1	51	10.6	33.8	1.0	20	-6.7	1975
9	36.7	2.6	40.9	4.9	47	8.3	32.4	0.2	17	-8.3	1963
10	35.9	2.2	39.5	4.2	49	9.4	32.3	0.2	11	-11.7	1963
11	35.6	2.0	39.5	4.2	48	8.9	31.7	-0.2	10	-12.2	1963
12	36.2	2.3	39.9	4.4	49	9.4	32.5	0.3	21	-6.1	1965
13	36.8	2.7	41.3	5.2	49	9.4	32.3	0.2	20	-6.7	1965
14	37.2	2.9	41.1	5.1	48	8.9	33.3	0.7	22	-5.6	1977
15	37.6	3.1	41.7	5.4	49	9.4	33.4	0.8	23	-5.0	1963*
16	37.3	2.9	41.9	5.5	50	10.0	32.7	0.4	19	-7.2	1967
17	37.5	3.1	41.6	5.3	50	10.0	33.5	0.8	16	-8.9	1967
18	38.9	3.8	42.9	6.1	53	11.7	34.9	1.6	19	-7.2	1967
19	40.3	4.6	43.9	6.6	50	10.0	36.7	2.6	26	-3.3	1967
20	40.4	4.7	44.4	6.9	53	11.7	36.5	2.5	22	-5.6	1967
21	40.0	4.4	44.3	6.8	52	11.1	35.6	2.0	18	-7.8	1967
22	40.3	4.6	44.5	6.9	51	10.6	36.1	2.3	22	-5.6	1967
23	41.0	5.0	45.0	7.2	51	10.6	37.1	2.8	28	-2.2	1970*
24	41.3	5.2	45.5	7.5	52	11.1	37.2	2.9	30	-1.1	1969*
25	40.3	4.6	44.5	6.9	53	11.7	36.2	2.3	24	-4.4	1969
26	39.8	4.3	43.8	6.6	51	10.6	35.7	2.1	18	-7.8	1969
27	40.4	4.7	44.8	7.1	53	11.7	35.9	2.2	22	-5.6	1969
28	40.4	4.7	44.6	7.0	54	12.2	36.2	2.3	24	-4.4	1975
29	39.2	4.0	43.7	6.5	50	10.0	34.8	1.6	18	-7.8	1975
30	40.2	4.6	45.1	7.3	56	13.3	35.4	1.9	20	-6.7	1975
31											
Monthly	38.0	3.3	42.1	5.6	56	13.3	33.8	1.0	6	-14.4	1968

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25 DAILY AVERAGE/EXTREME TEMP MAR 1978

16201

KEFLAVIK, ICELAND

1949-1977

MAY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP			MINIMUM TEMP		
	AVERAGE ° F	° C	AVERAGE ° F	EXTREME ° F	° C	AVERAGE ° F	EXTREME ° F	° C
1	39.9	4.4	44.3	51	10.6	35.4	23	-5.0
2	40.0	4.4	44.8	52	11.1	35.2	26	-3.3
3	40.3	4.6	45.2	56	13.3	35.4	28	-2.2
4	40.0	4.4	44.8	53	11.7	35.1	25	-3.9
5	40.6	4.8	45.4	53	11.7	35.8	27	-2.8
6	41.2	5.1	45.2	51	10.6	37.2	28	-2.2
7	42.1	5.6	46.5	52	11.1	37.8	29	-1.7
8	42.2	5.7	46.7	54	12.2	37.8	30	-1.1
9	42.1	5.6	47.0	58	14.4	37.2	30	-1.1
10	42.6	5.9	47.3	54	12.2	38.0	26	-3.3
11	42.7	5.9	47.5	58	14.4	37.9	26	-3.3
12	43.2	6.2	47.3	61	16.1	39.0	30	-1.1
13	42.6	5.9	47.1	64	17.8	38.1	30	-1.1
14	42.9	6.1	47.2	66	18.9	38.5	27	-2.8
15	43.4	6.3	47.7	56	13.3	39.0	29	-1.7
16	43.9	6.6	48.3	55	12.8	39.5	29	-1.7
17	44.1	6.7	48.5	60	15.6	39.6	31	-0.6
18	44.1	6.7	48.4	54	12.2	39.8	34	1.1
19	43.8	6.6	48.2	52	11.1	39.5	31	-0.6
20	43.6	6.4	47.7	55	12.8	39.5	30	-1.1
21	43.8	6.6	48.5	59	15.0	39.2	32	0.0
22	44.9	7.2	49.3	55	12.8	40.5	33	0.6
23	45.7	7.6	50.3	55	12.8	41.2	31	-0.6
24	45.8	7.7	50.2	57	13.9	41.5	31	-0.6
25	46.5	8.1	50.7	59	15.0	42.3	29	-1.7
26	46.6	8.1	50.2	57	13.9	43.0	31	-0.6
27	46.5	8.1	50.6	57	13.9	42.4	35	1.7
28	46.0	7.8	50.2	57	13.9	41.9	34	1.1
29	46.3	7.9	50.6	58	14.4	42.0	33	0.6
30	46.0	7.8	50.1	57	13.9	41.8	34	1.7
31	46.2	7.9	50.3	55	12.8	42.2	37	2.8
Monthly	43.5	6.4	47.9	66	18.9	39.1	29	-5.0

* ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION 16201 KEFLAVIK, ICELAND 1949-1977 YEARS MONTH JUNE

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP					
	AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME			
	° F	° C	° F	° C	° F	° C	DATE	° F	° C	° F	° C	DATE
1	46.0	7.8	50.1	10.1	55	12.8	1955*	41.9	5.5	35	1.7	1952
2	46.1	7.8	50.4	10.2	63	17.2	1955	41.8	5.4	33	0.6	1975*
3	46.4	8.0	50.7	10.4	58	14.4	1955	42.2	5.7	34	1.1	1952
4	46.7	8.2	50.3	10.2	55	12.8	1972*	43.0	6.1	35	1.7	1975
5	47.2	8.4	51.6	10.9	62	16.7	1955	42.8	6.0	35	1.7	1952
6	46.9	8.3	51.2	10.7	63	17.2	1954	42.7	5.9	35	1.7	1975
7	46.7	8.2	51.0	10.6	63	17.2	1963	42.3	5.7	34	1.1	1956
8	46.6	8.1	50.5	10.3	57	13.9	1960	42.7	5.9	33	0.6	1956
9	47.2	8.4	51.4	10.8	57	13.9	1975*	43.0	6.1	37	2.8	1959
10	47.8	8.8	52.1	11.2	58	14.4	1972*	43.5	6.4	37	2.8	1959
11	47.3	8.5	51.1	10.6	59	15.0	1964	43.5	6.4	34	1.1	1973
12	47.8	8.8	51.8	11.0	59	15.0	1954	43.8	6.6	39	3.9	1973
13	47.8	8.8	51.8	11.0	60	15.6	1954	43.8	6.6	37	2.8	1973
14	48.1	8.9	52.0	11.1	56	13.3	1965	44.1	6.7	39	3.9	1973
15	48.2	9.0	52.1	11.2	58	14.4	1965	44.3	6.8	39	3.9	1973
16	48.4	9.1	52.2	11.2	59	15.0	1952	44.6	7.0	39	3.9	1959
17	48.4	9.1	52.6	11.4	61	16.1	1966	44.2	6.8	36	2.2	1959
18	48.9	9.4	53.1	11.7	62	16.7	1966	44.7	7.1	36	2.2	1959
19	49.2	9.6	53.0	11.7	59	15.0	1953	45.5	7.5	39	3.9	1959
20	49.3	9.6	53.1	11.7	58	14.4	1958	45.5	7.5	40	4.4	1974
21	50.1	10.1	54.1	12.3	59	15.0	1957	46.1	7.8	40	4.4	1974
22	49.8	9.9	53.3	11.8	60	15.6	1952	46.4	8.0	41	5.0	1971
23	49.6	9.8	53.2	11.8	59	15.0	1953	45.9	7.7	38	3.3	1968
24	48.8	9.3	52.7	11.5	63	17.2	1959	44.9	7.2	37	2.8	1968
25	48.7	9.3	52.8	11.6	58	14.4	1959	44.7	7.1	41	5.0	1975*
26	49.4	9.7	53.9	12.2	64	17.8	1956	44.8	7.1	37	2.8	1975
27	48.9	9.4	52.8	11.6	58	14.4	1959*	44.9	7.2	39	3.9	1964
28	49.1	9.5	53.2	11.8	63	17.2	1959	45.0	7.2	42	5.6	1974*
29	49.3	9.6	52.8	11.6	57	13.9	1967*	45.8	7.7	41	5.0	1970*
30	49.7	9.8	54.0	12.2	60	15.6	1958*	45.4	7.4	40	4.4	1975
31												
Monthly	48.1	8.9	52.2	11.2	64	17.8	1956	44.1	6.7	33	0.6	1975*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION 16201 KEFLAVIK, ICELAND STATION NAME 1949-1977 YEARS MONTH JULY

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	50.0	10.0	54.0	12.2	62	16.7	46.0	7.8	42	5.6	1976*
2	50.2	10.1	54.3	12.4	59	15.0	46.1	7.8	42	5.6	1976*
3	50.1	10.1	54.0	12.2	62	16.7	46.2	7.9	40	4.4	1975
4	50.7	10.4	54.4	12.4	61	16.1	47.0	8.3	42	5.6	1970
5	50.1	10.1	53.4	11.9	57	13.9	46.8	8.2	40	4.4	1970
6	50.3	10.2	54.1	12.3	61	16.1	46.5	8.1	43	6.1	1973*
7	50.6	10.3	54.5	12.5	60	15.6	46.7	8.2	43	6.1	1973*
8	50.6	10.3	54.9	12.7	66	18.9	46.3	7.9	42	5.6	1964
9	50.8	10.4	54.9	12.7	70	21.1	46.7	8.2	42	5.6	1970*
10	50.2	10.1	54.1	12.3	60	15.6	46.4	8.0	42	5.6	1973*
11	50.5	10.3	54.7	12.6	59	15.0	46.3	7.9	40	4.4	1952
12	50.7	10.4	54.8	12.7	60	15.6	46.7	8.2	42	5.6	1975
13	50.9	10.5	54.8	12.7	62	16.7	47.1	8.4	42	5.6	1952
14	51.3	10.7	55.1	12.8	63	17.2	47.6	8.7	42	5.6	1970
15	51.3	10.7	55.2	12.9	61	16.1	47.5	8.6	43	6.1	1970*
16	51.4	10.8	55.2	12.9	62	16.7	47.7	8.7	44	6.7	1963*
17	51.5	10.8	54.8	12.7	61	16.1	48.1	8.9	42	5.6	1975
18	51.6	10.9	55.2	12.9	60	15.6	47.9	8.8	42	5.6	1970*
19	51.7	10.9	55.4	13.0	60	15.6	48.1	8.9	42	5.6	1970
20	52.1	11.2	56.3	13.5	68	20.0	48.0	8.9	43	6.1	1963
21	51.4	10.8	54.9	12.7	64	17.8	48.0	8.9	41	5.0	1974
22	51.3	10.7	55.3	12.9	62	16.7	47.3	8.5	42	5.6	1970*
23	51.2	10.7	54.7	12.6	62	16.7	47.7	8.7	40	4.4	1963
24	51.5	10.8	55.1	12.8	60	15.6	47.8	8.8	40	4.4	1963
25	51.4	10.8	55.4	13.0	62	16.7	47.5	8.6	38	3.3	1963
26	51.6	10.9	55.3	12.9	65	18.3	47.8	8.8	41	5.0	1954
27	51.5	10.8	55.3	12.9	62	16.7	47.7	8.7	43	6.1	1967*
28	50.8	10.4	54.7	12.6	61	16.1	46.6	8.2	40	4.4	1967
29	50.8	10.4	54.8	12.7	61	16.1	46.8	8.2	42	5.6	1956
30	49.8	9.9	53.7	12.1	59	15.0	46.0	7.8	40	4.4	1975
31	50.6	10.4	55.0	12.8	61	16.1	46.5	8.1	42	5.6	1965*
Monthly	50.9	10.5	54.8	12.7	70	21.1	47.1	8.4	38	3.3	1963

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

STATION 16201 KEFLAVIK, ICELAND STATION NAME 1949-1977 YEARS MONTH AUGUST

DAY	MEAN TEMP		MAXIMUM TEMP		MINIMUM TEMP		DATE
	AVERAGE °F	AVERAGE °C	AVERAGE °F	EXTREME °C	AVERAGE °F	EXTREME °C	
1	51.3	10.7	55.4	13.0	66	18.9	1966
2	51.0	10.6	55.1	12.8	61	16.1	1954
3	51.2	10.7	55.2	12.9	62	16.7	1952
4	51.1	10.6	55.2	12.9	62	16.7	1969
5	51.2	10.7	55.4	13.0	60	15.6	1974*
6	51.4	10.8	56.0	13.3	62	16.7	1975
7	51.5	10.8	55.6	13.1	66	18.9	1964
8	51.3	10.7	55.4	13.0	67	19.4	1964
9	51.1	10.6	54.5	12.5	61	16.1	1965
10	51.2	10.7	55.1	12.8	62	16.7	1965
11	51.2	10.7	55.1	12.8	61	16.1	1965
12	51.4	10.8	55.3	12.9	61	16.1	1965*
13	51.2	10.7	54.8	12.7	61	16.1	1977*
14	51.1	10.6	54.8	12.7	63	17.2	1977
15	51.1	10.6	54.3	12.4	60	15.6	1956
16	50.9	10.5	54.6	12.6	63	17.2	1967
17	50.5	10.3	54.2	12.3	59	15.0	1967*
18	50.0	10.0	53.5	11.9	59	15.0	1956
19	50.1	10.1	54.1	12.3	59	15.0	1965
20	49.9	9.9	54.2	12.3	62	16.7	1952
21	50.0	10.0	53.9	12.2	60	15.6	1959
22	50.0	10.0	53.8	12.1	61	16.1	1970
23	50.1	10.1	53.8	12.1	60	15.6	1962
24	49.8	9.9	53.6	12.0	60	15.6	1953
25	49.5	9.7	53.2	11.8	59	15.0	1953
26	49.3	9.6	53.2	11.8	60	15.6	1953
27	48.5	9.2	52.6	11.4	59	15.0	1962
28	48.8	9.3	52.6	11.4	60	15.6	1960
29	48.8	9.3	52.5	11.4	59	15.0	1960
30	49.2	9.6	52.5	11.4	58	14.4	1960
31	48.7	9.3	52.4	11.3	57	13.9	1957
Monthly	50.4	10.2	54.3	12.4	67	19.4	1964

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25 DAILY AVERAGE/EXTREME TEMP MAR 1978

STATION 16201 KEFLAVIK, ICELAND STATION NAME 1949-1977 YEARS SEPTEMBER MONTH

DAY	MEAN TEMP		AVERAGE				MAXIMUM TEMP				AVERAGE				EXTREME				MINIMUM TEMP													
	AVERAGE		°C		°F		°C		°F		°C		°F		°C		°F		°C		°F		°C		°F		°C		°F		°C	
	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C
1	48.8	9.3	52.6	11.4	58	14.4	1962	45.1	7.3	38	3.3	1976*																				
2	48.2	9.0	51.7	10.9	58	14.4	1958	44.7	7.1	38	3.3	1977*																				
3	48.6	9.2	52.1	11.2	63	17.2	1958	45.0	7.2	36	2.2	1977																				
4	48.5	9.2	52.0	11.1	56	13.3	1962	45.0	7.2	37	2.8	1952																				
5	48.1	8.9	51.4	10.8	56	13.3	1968*	44.7	7.1	38	3.3	1977*																				
6	47.1	8.4	51.0	10.6	56	13.3	1968*	43.1	6.2	35	1.7	1977																				
7	47.4	8.6	51.5	10.8	59	15.0	1954	43.3	6.3	34	1.1	1972																				
8	47.2	8.4	51.0	10.6	59	15.0	1954	43.5	6.4	37	2.8	1977*																				
9	47.1	8.4	50.9	10.5	58	14.4	1968	43.3	6.3	34	1.1	1977																				
10	47.3	8.5	51.3	10.7	64	17.8	1968	43.3	6.3	36	2.2	1972																				
11	47.1	8.4	51.1	10.6	64	17.8	1968	43.0	6.1	36	2.2	1975																				
12	46.8	8.2	50.4	10.2	58	14.4	1968	43.2	6.2	33	0.6	1956																				
13	46.7	8.2	50.4	10.2	60	15.6	1961	43.1	6.2	33	0.6	1956																				
14	46.7	8.2	50.2	10.1	57	13.9	1958	43.1	6.2	34	1.1	1957																				
15	46.5	8.1	50.1	10.1	56	13.3	1961	42.9	6.1	35	1.7	1957																				
16	46.1	7.8	49.7	9.8	56	13.3	1968	42.4	5.8	34	1.1	1952																				
17	46.5	8.1	50.1	10.1	57	13.9	1958	43.0	6.1	32	0.0	1952																				
18	47.0	8.7	50.6	10.3	58	14.4	1958	43.4	6.3	37	2.8	1964*																				
19	46.6	8.1	50.2	10.1	55	12.8	1958	43.0	6.1	33	0.6	1964																				
20	46.1	7.8	49.6	9.8	55	12.8	1958*	42.6	5.9	30	-1.1	1964																				
21	46.4	8.0	50.0	10.0	57	13.9	1958	42.7	5.9	34	1.1	1954																				
22	45.9	7.7	49.7	9.8	54	12.2	1976*	42.2	5.7	34	1.1	1971																				
23	46.3	7.9	49.6	9.8	56	13.3	1951	43.1	6.2	32	0.0	1974*																				
24	44.8	7.1	48.3	9.1	54	12.2	1958	41.4	5.2	27	-2.8	1974																				
25	44.4	6.9	47.7	8.7	56	13.3	1951	41.2	5.1	31	-0.6	1954																				
26	44.8	7.1	48.6	9.2	55	12.8	1967	41.0	5.0	31	-0.6	1954																				
27	44.9	7.2	48.3	9.1	54	12.2	1959*	41.5	5.3	33	0.6	1974*																				
28	43.9	6.6	47.6	8.7	57	13.9	1958	40.3	4.6	32	0.0	1974*																				
29	43.4	6.3	47.1	8.4	56	13.3	1958	39.7	4.3	31	-0.6	1975																				
30	44.2	6.8	48.2	9.0	57	13.9	1958	40.1	4.5	30	-1.1	1969																				
31																																
Monthly	46.4	8.0	50.1	10.1	64	17.8	1968	42.8	6.0	27	-2.8	1974																				

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1977

STATION 16201 KEFLAVIK, ICELAND 1949-1977 YEARS MONTH OCTOBER

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		EXTREME		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	44.2	6.8	47.8	8.8	57	13.9	57	13.9	40.6	4.8	30	-1.1	30	-1.1	1969*
2	44.0	6.7	47.7	8.7	54	12.2	54	12.2	40.3	4.6	35	1.7	35	1.7	1966*
3	43.2	6.2	46.7	8.2	52	11.1	52	11.1	39.7	4.3	31	-0.6	31	-0.6	1966
4	43.3	6.3	47.0	8.3	54	12.2	54	12.2	39.6	4.2	27	-2.8	27	-2.8	1966
5	43.8	6.6	47.4	8.6	53	11.7	53	11.7	40.1	4.5	31	-0.6	31	-0.6	1966
6	44.0	6.7	47.6	8.7	54	12.2	54	12.2	40.4	4.7	34	1.1	34	1.1	1977*
7	43.1	6.2	47.0	8.3	53	11.7	53	11.7	39.2	4.0	33	0.6	33	0.6	1964*
8	42.8	6.0	46.3	7.9	55	12.8	55	12.8	39.3	4.1	32	0.0	32	0.0	1953
9	41.4	5.2	44.7	7.1	55	12.8	55	12.8	38.1	3.4	31	-0.6	31	-0.6	1970
10	42.3	5.7	46.0	7.8	55	12.8	55	12.8	38.6	3.7	29	-1.7	29	-1.7	1971
11	42.9	6.1	45.9	7.7	52	11.1	52	11.1	40.0	4.4	25	-3.9	25	-3.9	1971
12	41.9	5.5	45.3	7.4	52	11.1	52	11.1	38.6	3.7	24	-4.4	24	-4.4	1971
13	42.4	5.8	45.8	7.7	53	11.7	53	11.7	39.0	3.9	22	-5.6	22	-5.6	1971
14	42.4	5.8	46.0	7.8	52	11.1	52	11.1	38.9	3.8	26	-3.3	26	-3.3	1955
15	41.7	5.4	45.4	7.4	51	10.6	51	10.6	38.0	3.3	24	-4.4	24	-4.4	1955
16	41.4	5.2	44.9	7.2	51	10.6	51	10.6	38.0	3.3	24	-4.4	24	-4.4	1967
17	41.1	5.1	44.7	7.1	51	10.6	51	10.6	37.4	3.0	19	-7.2	19	-7.2	1967
18	41.9	5.5	45.0	7.2	52	11.1	52	11.1	38.7	3.7	30	-1.1	30	-1.1	1973
19	42.1	5.6	45.3	7.4	53	11.7	53	11.7	38.9	3.8	27	-2.8	27	-2.8	1955
20	42.3	5.7	45.7	7.6	53	11.7	53	11.7	38.9	3.8	27	-2.8	27	-2.8	1951
21	41.4	5.2	44.6	7.0	52	11.1	52	11.1	38.3	3.5	27	-2.8	27	-2.8	1951
22	40.9	4.9	44.6	7.0	52	11.1	52	11.1	37.1	2.8	31	-0.6	31	-0.6	1956
23	39.5	4.2	42.7	5.9	51	10.6	51	10.6	36.4	2.4	28	-2.2	28	-2.2	1956
24	39.1	3.9	42.9	6.1	49	9.4	49	9.4	35.2	1.8	29	-1.7	29	-1.7	1962*
25	39.9	4.4	43.5	6.4	51	10.6	51	10.6	36.3	2.4	26	-3.3	26	-3.3	1962
26	39.9	4.4	43.2	6.2	56	13.3	56	13.3	36.6	2.6	24	-4.4	24	-4.4	1970
27	38.9	3.8	41.7	5.4	56	13.3	56	13.3	36.1	2.3	22	-5.6	22	-5.6	1970
28	38.1	3.4	41.7	5.4	51	10.6	51	10.6	34.6	1.4	22	-5.6	22	-5.6	1970
29	39.4	4.1	43.1	6.2	51	10.6	51	10.6	35.8	2.1	28	-2.2	28	-2.2	1957
30	38.2	3.4	41.4	5.2	49	9.4	49	9.4	34.9	1.6	20	-6.7	20	-6.7	1968
31	37.3	2.9	40.6	4.8	50	10.0	50	10.0	34.0	1.1	18	-7.8	18	-7.8	1968
Monthly	41.4	5.2	44.9	7.2	57	13.9	57	13.9	38.0	3.3	18	-7.8	18	-7.8	1968

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MONTHLY 1978

16201 KEFLAVIK, ICELAND

1949-1977

STATION NAME

NOVEMBER

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE		MINIMUM TEMP		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C	° F	° C		
1	37.6	3.1	40.7	4.8	49	9.4	40.7	4.8	49	9.4	1971*		34.4	1.3	20	-6.7	1968			
2	36.9	2.7	40.2	4.6	49	9.4	40.2	4.6	49	9.4	1964		33.6	0.9	20	-6.7	1968			
3	36.9	2.7	40.5	4.7	49	9.4	40.5	4.7	49	9.4	1965		33.3	0.7	22	-5.6	1970			
4	36.9	2.7	40.3	4.6	51	10.6	40.3	4.6	51	10.6	1965		33.6	0.9	24	-4.4	1973			
5	35.9	2.2	39.3	4.1	48	8.9	39.3	4.1	48	8.9	1968*		32.4	0.2	24	-4.4	1973*			
6	37.4	3.0	41.3	5.2	50	10.0	41.3	5.2	50	10.0	1956		33.5	0.8	21	-6.1	1977			
7	38.3	3.5	41.6	5.3	50	10.0	41.6	5.3	50	10.0	1956		34.9	1.6	24	-4.4	1957			
8	38.0	3.3	41.3	5.2	51	10.6	41.3	5.2	51	10.6	1964		34.8	1.6	25	-3.9	1969*			
9	37.3	2.9	40.8	4.9	50	10.0	40.8	4.9	50	10.0	1964		33.8	1.0	22	-5.6	1959			
10	36.7	2.6	39.8	4.3	50	10.0	39.8	4.3	50	10.0	1965		33.7	0.9	21	-6.1	1959			
11	36.0	2.2	39.7	4.3	50	10.0	39.7	4.3	50	10.0	1965		32.4	0.2	16	-8.9	1959			
12	36.1	2.3	39.2	4.0	50	10.0	39.2	4.0	50	10.0	1964		33.1	0.6	20	-6.7	1977*			
13	36.1	2.3	39.6	4.2	49	9.4	39.6	4.2	49	9.4	1968*		32.7	0.4	19	-7.2	1969			
14	35.1	1.7	38.9	3.8	48	8.9	38.9	3.8	48	8.9	1971*		31.4	-0.3	20	-6.7	1969*			
15	33.6	0.9	37.0	2.8	48	8.9	37.0	2.8	48	8.9	1956*		30.3	-0.9	16	-8.9	1963			
16	33.9	1.1	37.6	3.1	50	10.0	37.6	3.1	50	10.0	1968*		30.3	-0.9	15	-9.4	1963			
17	35.6	2.0	40.1	4.5	52	11.1	40.1	4.5	52	11.1	1968		31.2	-0.4	18	-7.8	1971*			
18	36.6	2.6	40.0	4.4	51	10.6	40.0	4.4	51	10.6	1968		33.1	0.6	18	-7.8	1971			
19	35.7	2.1	39.6	4.2	50	10.0	39.6	4.2	50	10.0	1968		31.9	-0.1	20	-6.7	1977			
20	36.6	2.6	39.8	4.3	49	9.4	39.8	4.3	49	9.4	1968*		33.4	0.8	22	-5.6	1977			
21	37.2	2.9	41.2	5.1	50	10.0	41.2	5.1	50	10.0	1958		33.3	0.7	21	-6.1	1969			
22	36.3	2.4	40.0	4.4	50	10.0	40.0	4.4	50	10.0	1958		32.6	0.3	19	-7.2	1969*			
23	35.7	2.1	39.7	4.3	48	8.9	39.7	4.3	48	8.9	1957		31.7	-0.2	16	-8.9	1963			
24	35.2	1.8	38.7	3.7	46	7.8	38.7	3.7	46	7.8	1971*		31.8	-0.1	18	-7.8	1951			
25	35.1	1.7	38.5	3.6	47	8.3	38.5	3.6	47	8.3	1971*		31.7	-0.2	16	-8.9	1973			
26	34.0	1.1	38.0	3.3	47	8.3	38.0	3.3	47	8.3	1963		30.0	-1.1	20	-6.7	1965			
27	32.1	0.1	35.4	1.9	49	9.4	35.4	1.9	49	9.4	1958		28.7	-1.8	21	-6.1	1966			
28	32.9	0.5	36.6	2.6	44	6.7	36.6	2.6	44	6.7	1968*		29.2	-1.6	19	-7.2	1967			
29	34.5	1.4	38.1	3.4	49	9.4	38.1	3.4	49	9.4	1957		30.9	-0.6	19	-7.2	1965			
30	34.2	1.2	38.2	3.4	49	9.4	38.2	3.4	49	9.4	1957		30.2	-1.0	15	-9.4	1965			
31																				
Monthly	35.8	2.1	39.4	4.1	52	11.1	39.4	4.1	52	11.1	1968		32.3	0.2	15	-9.4	1965*			

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

STATION 16201 KEFLAVIK, ICELAND 1949-1977 YEARS MONTH DECEMBER

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE		MINIMUM TEMP		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C	° F	° C		
1	33.6	0.9	37.0	2.8	48	8.9	30.1	-1.1	17	-8.3	1973*		30.3	-0.9	17	-8.3	1966			
2	34.4	1.3	38.4	3.6	48	8.9	30.3	-0.9	17	-8.3	1962*		31.6	-0.2	18	-7.8	1966			
3	34.8	1.6	38.0	3.3	45	7.2	29.5	-0.8	20	-6.7	1977*		29.8	-1.2	19	-7.2	1969			
4	34.1	1.2	37.8	3.2	46	7.8	29.2	-1.6	15	-9.4	1968*		28.7	-1.8	14	-10.0	1967			
5	33.4	0.8	37.0	2.8	47	8.3	27.7	-2.4	11	-11.7	1953		27.3	-2.6	9	-12.8	1951			
6	32.8	0.4	36.4	2.4	49	9.4	29.7	-1.3	12	-11.1	1963		29.6	-1.3	15	-9.4	1962			
7	33.2	0.7	36.7	2.6	49	9.4	29.4	-1.4	9	-12.8	1953		29.8	-1.2	17	-8.3	1967			
8	32.3	0.2	35.9	2.2	48	8.9	29.8	-1.9	17	-8.9	1964		28.5	-1.9	17	-8.3	1968			
9	31.4	-0.3	35.2	1.8	46	7.8	29.4	-1.4	16	-8.9	1964		29.3	-1.5	11	-11.7	1974			
10	32.0	0.0	36.7	2.6	47	8.3	27.7	-2.4	11	-11.7	1953		27.3	-2.6	9	-12.8	1951			
11	33.5	0.8	37.4	3.0	47	8.3	29.7	-1.3	12	-11.1	1963		29.6	-1.3	15	-9.4	1962			
12	34.0	1.1	38.5	3.6	47	8.3	29.4	-1.4	9	-12.8	1953		29.8	-1.2	17	-8.3	1967			
13	33.2	0.7	37.0	2.8	47	8.3	29.4	-1.4	9	-12.8	1953		29.8	-1.2	17	-8.3	1967			
14	33.5	0.8	37.3	2.9	46	7.8	29.8	-1.3	20	-6.7	1975*		28.8	-1.8	15	-9.4	1975			
15	33.1	0.6	36.4	2.4	46	7.8	27.7	-2.4	15	-9.4	1976*		27.7	-2.4	9	-12.8	1973			
16	32.6	0.3	36.4	2.4	49	9.4	27.7	-2.4	9	-12.8	1972		27.9	-2.3	7	-13.9	1973			
17	32.1	0.1	36.5	2.5	49	9.4	27.9	-2.3	7	-13.9	1964		27.7	-2.4	14	-10.0	1977*			
18	31.5	-0.3	35.1	1.7	47	8.3	28.5	-1.9	17	-8.3	1961		29.4	-1.4	16	-8.9	1957			
19	31.6	-0.2	35.4	1.9	46	7.8	29.4	-1.4	16	-8.9	1964		29.3	-1.5	11	-11.7	1974			
20	32.3	0.2	36.0	2.2	47	8.3	27.4	-2.6	16	-8.9	1970*		27.4	-2.6	16	-8.9	1954			
21	33.0	0.6	36.5	2.5	48	8.9	27.1	-2.7	14	-10.0	1956		27.6	-2.4	18	-7.8	1965			
22	33.1	0.6	36.9	2.7	47	8.3	27.6	-2.4	12	-11.1	1975		27.0	-2.8	13	-10.6	1965			
23	31.2	-0.4	35.0	1.7	43	6.1	28.0	-2.2	10	-12.2	1969		28.0	-2.2	10	-12.2	1961			
24	30.9	-0.6	34.6	1.4	47	8.3	27.3	-2.6	13	-10.6	1956		27.3	-2.6	13	-10.6	1961			
25	32.0	0.0	36.3	2.4	45	7.2	26.9	-2.8	17	-8.3	1972*		26.9	-2.8	17	-8.3	1951			
26	31.5	-0.3	35.3	1.8	45	7.2	27.2	-2.7	10	-12.2	1975		27.2	-2.7	10	-12.2	1976			
27	31.1	-0.5	35.1	1.7	44	6.7	28.7	-1.8	7	-13.9	1969		28.7	-1.8	7	-13.9	1973			
28	31.9	-0.1	35.7	2.1	45	7.2	26.7	-2.4	7	-13.9	1956		26.7	-2.4	7	-13.9	1973			
29	31.7	-0.2	36.1	2.3	47	8.3	26.7	-2.4	7	-13.9	1973		26.7	-2.4	7	-13.9	1973			
30	30.5	-0.8	34.2	1.2	44	6.7	26.7	-2.4	7	-13.9	1971		26.7	-2.4	7	-13.9	1973			
31	30.8	-0.7	34.3	1.3	45	7.2	26.7	-2.4	7	-13.9	1968*		26.7	-2.4	7	-13.9	1973			
Monthly	32.5	0.3	36.3	2.4	49	9.4	26.7	-2.4	7	-13.9	1976*		26.7	-2.4	7	-13.9	1973			

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

EXTREME VALUES

MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

16201 KEFLAVIK, ICELAND

49-77

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
49													
50													
51													
52	41	43	45	49	56	60	59	62	56	51	45	45	62
53	45	45	48	45	52	59	63	60	56	53	49	49	63
54	47	45	47	51	56	63	58	61	59	52	47	42	63
55	46	40	48	51	57	63	59	58	56	50	50	40	63
56	48	47	51	53	53	64	59	60	58	52	50	47	64
57	46	38	50	52	57	59	62	60	55	51	49	48	62
58	46	45	47	48	54	60	68	59	63	57	50	48	68
59	46	48	51	51	60	63	65	60	56	55	48	43	65
60	47	48	48	54	66	57	65	60	56	53	49	46	66
61	46	47	48	50	58	53	62	60	60	52	49	46	62
62	46	47	46	53	53	58	64	60	58	51	47	48	64
63	45	45	47	51	53	63	66	58	55	52	47	47	66
64	48	48	49	53	56	59	58	67	55	54	51	48	67
65	47	48	50	56	56	58	61	62	54	53	51	46	62
66	47	42	46	51	52	62	61	66	53	52	50	45	66
67	47	47	42	48	57	57	62	63	53	48	49	47	63
68	45	47	46	50	58	58	63	61	64	52	52	49	64
69	43	44	45	49	57	58	58	62	54	50	44	43	62
70	45	42	44	48	58	59	58	61	54	53	45	47	61
71	46	47	47	50	54	58	61	61	62	56	49	44	62
72	49	48	48	52	59	58	62	57	52	50	46	49	62
73	47	43	44	50	50	57	60	59	54	55	47	48	60
74	46	47	48	51	57	56	59	60	54	50	48	42	60
75	44	45	45	50	52	57	53	62	53	50	49	45	62
76	39	45	44	47	54	57	70	58	54	52	47	49	70
77	45	41	47	45	55	56	61	63	52	50	44	45	63
MEAN	45.7	45.1	47.0	50.3	55.8	58.9	61.4	60.8	56.1	52.0	48.1	46.1	63.5
S. D.	2.115	2.756	2.254	2.481	3.253	2.682	3.580	2.286	3.166	2.066	2.118	2.397	2.420
TOTAL OBS.	806	735	806	780	806	750	806	806	810	837	810	837	9619

MAXIMUM TEMPERATURE
FROM DAILY OBSERVATIONS

STATION	STATION NAME	YEARS
16201	KEFLAVIK, ICELAND	49-77

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

16201

KEFLAVIK, ICELAND

49-77

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
49													
50													
51	11	19	17	22	29	33	40	40	36	27	18	9	11
52	13	25	17	13	27	37	44	40	32	31	20	18	13
53	20	11	16	29	28	42	41	41	39	29	26	19	11
54	8	15	11	30	27	40	44	38	37	24	20	14	8
55	4	23	20	26	33	33	42	35	33	28	23	24	4
56	21	14	19	29	27	35	43	39	32	28	24	16	14
57	15	13	18	30	29	39	43	40	42	27	29	17	13
58	13	21	18	20	27	36	46	41	38	32	16	19	13
59	19	14	14	31	34	41	47	43	36	28	22	20	14
60	20	17	19	14	30	38	43	45	37	30	22	10	10
61	22	18	19	20	30	41	43	42	35	25	21	15	15
62	17	16	28	10	28	40	38	39	35	34	15	21	10
63	17	15	27	30	35	39	42	39	30	32	17	11	11
64	12	18	14	20	33	39	42	38	38	30	15	12	12
65	6	19	14	24	30	41	45	40	39	27	20	16	6
66	21	17	16	16	23	38	40	42	39	19	19	14	14
67	6	12	7	6	27	37	44	42	34	18	20	14	6
68	7	1	4	16	32	39	42	45	30	30	19	12	1
69	11	14	10	25	33	37	40	41	38	22	22	19	10
70	6	22	21	25	29	41	44	38	32	22	18	21	6
71	22	20	26	26	31	40	44	38	34	33	20	23	20
72	26	14	19	17	28	34	42	42	38	28	16	7	7
73	22	16	21	32	39	40	41	36	27	24	27	11	11
74	18	28	15	18	26	33	40	41	31	35	24	15	15
75	16	15	16	21	25	40	42	40	38	32	22	10	10
76	17	19	23	21	32	35	45	38	34	31	20	13	13
77													
MEAN	15.0	16.8	17.3	22.0	29.7	38.0	42.6	40.1	35.0	27.9	20.8	15.4	10.7
S. D.	6.177	5.164	5.597	6.861	9.496	2.771	2.082	2.389	3.573	4.323	3.701	4.422	4.038
TOTAL OBS.	806	735	806	780	806	780	806	806	810	837	810	837	9619

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PSYCHROMETRIC SUMMARY

16201 KEFLAVIK, ICELAND

73-77

JAN

STATION NAME

YEARS

MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
46 / 45	1.5	.6																25	25	20	18		
44 / 43	1.4	.7	.1															27	27	27	26		
42 / 41	1.3	.5	.4	.1														28	28	21	19		
40 / 39	2.3	1.1	.8															51	51	39	24		
38 / 37	1.9	4.4	1.5	.1														97	97	52	38		
36 / 35	4.1	5.2	1.4	.1														132	132	124	78		
34 / 33	5.2	6.1	2.0															164	164	154	128		
32 / 31	3.6	7.1	2.8															167	167	145	116		
30 / 29	2.7	7.5	1.4															143	143	138	103		
28 / 27	2.0	6.6	1.1															120	120	154	122		
26 / 25	2.4	3.6	.6															82	82	110	110		
24 / 23	1.4	4.6	.1															75	75	83	97		
22 / 21	.9	4.9	.2															73	73	72	92		
20 / 19	.8	2.7																43	43	62	71		
18 / 17	.2	.2																5	5	29	68		
16 / 15	.1																	1	1	3	57		
14 / 13																					40		
12 / 11																					15		
10 / 9																					8		
8 / 7																					3		
TOTAL	31.555	712.5	.2															1233	1233	1233	1233		

Mean No. of Hours with Temperature

No. Obs.

\bar{x}

$\sum x$

$\sum x^2$

σ_x

Element (X)

Total

≥ 93 F

≥ 80 F

≥ 73 F

≥ 67 F

≤ 32 F

≤ 0 F

427.8

480.3

544.3

1233

1233

1233

1233

744.0

744.0

744.0

PSYCHROMETRIC SUMMARY

16201 KEFLAVIK, ICELAND

73-77

FEB

STATION NAME

YEARS

MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
46/ 45	.1	.4																5	5	1	1
44/ 43	1.4	1.9	.1															38	38	26	19
42/ 41	1.4	3.1	1.3															66	66	37	27
40/ 39	1.5	3.5	1.2	.1														71	71	63	37
38/ 37	1.9	4.8	3.0	.4														113	113	81	52
36/ 35	2.5	7.4	3.5	.3														153	153	99	90
34/ 33	2.7	7.4	3.8															156	156	156	75
32/ 31	3.5	5.5	3.5	.1														142	142	163	133
30/ 29	2.1	4.6	1.8															96	96	127	123
28/ 27	1.8	5.0	1.0															87	87	114	91
26/ 25	1.6	4.1	.2															66	66	79	99
24/ 23	1.2	3.5	.2															55	55	70	105
22/ 21	.9	2.0																32	32	45	88
20/ 19	1.3	1.0	.1															27	27	36	72
18/ 17	.6	.7																15	15	20	45
16/ 15	.1	.4																5	5	9	23
14/ 13	.1																	1	1	2	26
12/ 11																					14
10/ 9																					9
6/ 5																					2
TOTAL	24.655	0.019	7	.8														1128	1128	1128	1128
			</																		

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

$\sum x$

$\sum x^2$

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

≥ 80 F

≥ 93 F

≥ 73 F

≥ 67 F

≤ 32 F

≤ 0 F

1128

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PSYCHROMETRIC SUMMARY

16201 KEFLAVIK, ICELAND 73-77 MAR MONTH
STATION NAME YEARS

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
48 / 47		.1																1	1	5	2
46 / 45		1.4																17	17	44	21
44 / 43	1.3	3.3	1.3	.3														77	77	99	72
42 / 41	4.3	5.6	1.9	.6														154	154		
40 / 39	5.6	7.4	3.1	.5	.2													209	209	175	113
38 / 37	1.9	6.3	3.0	.4														143	143	138	118
36 / 35	2.1	6.6	2.7	.6														148	149	153	121
34 / 33	2.9	5.3	2.8	.1														138	138	170	124
32 / 31	2.4	4.0	1.7															100	100	111	138
30 / 29	.2	2.9	1.4															56	56	99	98
28 / 27	.6	2.5	1.7	.1														61	61	60	97
26 / 25	.5	2.7	1.2															55	55	50	62
24 / 23	.6	1.9	.4															35	35	62	60
22 / 21	.2	1.3	.4															23	23	31	66
20 / 19	.1	.8	.1															12	12	20	31
18 / 17		.3	.1															5	5	12	34
16 / 15		.4																5	5	5	27
14 / 13																				5	19
12 / 11																					14
10 / 9																					11
8 / 7																					6
6 / 5																					5
TOTAL	22.752	921.8	2.5	.2														1239	1240	1239	1239

Mean No. of Hours with Temperature

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature	Total
Ref. Hum.	8861114	103738	83.7	11.903	1239	≥ 67 F	744.0
Dry Bulb	1586397	43705	35.2	6.091	1240	≥ 73 F	744.0
Wet Bulb	1449516	41654	33.6	6.300	1239	≥ 80 F	744.0
Dew Point	1239644	37902	30.6	8.048	1239	≥ 93 F	744.0

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PSYCHROMETRIC SUMMARY

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16201 KEFLAVIK, ICELAND 73-77 APR MONTH
PAGE 1 HOURS (L.S.T.)

STATION YEARS

73-77

STATION NAME

16201

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49		.2	.4	.3														11	11	8	4
48/ 47	.2	2.3	1.3	.4														50	50		
46/ 45	1.9	8.0	1.4	.3														140	140	80	44
44/ 43	3.2	7.0	2.5	.9														163	163	157	113
42/ 41	3.8	7.3	1.8	.5	.1													162	163	160	112
40/ 39	3.5	4.9	2.3	.3	.2													134	135	155	142
38/ 37	1.3	3.2	3.3	.5														100	100	92	103
36/ 35	1.3	3.8	2.0	.4	.1													90	90	94	109
34/ 33	1.3	3.0	2.8	.1														87	87	98	71
32/ 31	1.1	1.9	2.0	.4														65	65	86	73
30/ 29	.7	1.5	2.2	.1														53	53	60	82
28/ 27	.3	1.7	1.7															43	43	51	55
26/ 25	.2	1.6	1.0															33	33	53	43
24/ 23		1.4	1.2															31	31	35	43
22/ 21	.1	1.2	1.0															27	27	32	37
20/ 19	.1	.4	.1															7	7	23	38
18/ 17		.2																2	2	12	42
16/ 15																				2	28
14/ 13																					19
12/ 11																					14
10/ 9																					18
8/ 7																					8
TOTAL	18.849	627.0	4.3	.3														1198	1200	1198	1198

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total		
Rel. Hum.	8370250	98910	82.6	13.054	1198	≤ 0 F	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1778618	45458	37.9	6.870	1200			156.6					720.0
Wet Bulb	1614276	43122	36.0	7.202	1198			212.8					720.0
Dew Point	1390877	39245	32.8	9.377	1198			300.5					720.0

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PSYCHROMETRIC SUMMARY

16201 KEFLAVIK, ICELAND

73-77

MAY

STATION NAME

YEARS

MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55	.2			.1	.1	.1	.1											5	5	2	2
54/ 53			.3	.5	.2	.2	.1											14	14		
52/ 51		.4	1.5	1.1	.6	.2	.1											48	48	1	
50/ 49	.4	2.2	4.0	1.6	.7	.3	.1											116	116	19	8
48/ 47	.8	5.2	5.6	2.0	1.0	.8												192	192	82	29
46/ 45	.8	6.0	3.1	3.0	.6	.1												167	167	178	75
44/ 43	.7	5.6	5.6	1.5	.4													172	172	168	117
42/ 41	1.4	4.9	3.9	1.5	.1													145	145	167	142
40/ 39	1.9	5.1	4.2	.8	.1													149	149	204	132
38/ 37	1.3	3.1	2.0	.8														89	89	149	157
36/ 35	.6	3.2	1.0	.6														67	67	100	137
34/ 33	.4	1.5	.9	.2														37	37	88	116
32/ 31	.1	.6	.7															17	17	30	108
30/ 29			.6															7	7	21	72
28/ 27		.2	.8															12	12	11	46
26/ 25		.1	.2															3	3	10	32
24/ 23																				9	22
22/ 21																				1	13
20/ 19																					8
18/ 17																					7
16/ 15																					3
14/ 13																					1
12/ 11																			1240		1240
TOTAL	8.538	134.3	13.7	3.8	1.5	.2												1240	1240	1240	

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

Σx

Σx^2

Element (X)

Total

≥93 F

≥80 F

≥73 F

≥67 F

≤32 F

≤0 F

1240

1240

1240

1240

45114

49812

53456

7813452

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

744.0

744.0

744.0

744.0

744.0

23.4

49.2

195.0

1240

1240

1240

1240

45114

49812

53456

7813452

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

5805 PSYCHROMETRIC SUMMARY JAN 68

16201 KEFLAVIK, ICELAND 73-77 JUN MONTH
 STATION NAME YEARS PAGE 1
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	
58 / 57			.1	.2														3	3	
56 / 55		.1	.3	.3	.2													11	11	
54 / 53		.3	.6	1.5	.8													38	38	2
52 / 51	.3	2.5	5.0	2.8	.8	.3												140	140	15
50 / 49	2.4	7.8	6.8	2.8	.8	.3												250	250	92
48 / 47	2.7	10.1	5.9	2.5	1.1													267	268	243
46 / 45	1.3	9.9	4.6	1.2	.7	.1												213	213	283
44 / 43	1.2	5.8	2.8	1.3	1.0													144	144	214
42 / 41	.3	2.2	1.5	.8	.2													59	59	151
40 / 39	.1	1.1	1.8	.6														43	43	77
38 / 37			1.5	.2														20	20	53
36 / 35		.1	.7	.1														10	10	40
34 / 33			.1															1	1	22
32 / 31																				5
30 / 29																				2
28 / 27																				44
26 / 25																				31
24 / 23																				17
22 / 21																				8
TOTAL	8.239	.831	.614	.2	5.5	.8												1199	1200	1199

PSYCHROMETRIC SUMMARY

16201

KEFLAVIK, ICELAND

73-77

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

HOURS (L.S.T.)

05

PSYCHROMETRIC SUMMARY

JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb		Wet Bulb	Dew Point
68 / 67						.2												2	2		
62 / 61					.1													1	1		
60 / 59		.1	.1	.1	.2	.2												7	7		
58 / 57		.2	.3	.5	.5	.1												19	19	3	
56 / 55	.1	.3	1.2	1.6	.4	.3												49	49	7	
54 / 53	.6	2.6	3.6	3.3	.6													133	133	22	
52 / 51	3.7	10.3	6.7	2.8	.5													298	298	137	
50 / 49	8.6	9.7	6.5	2.5	.1													339	339	335	
48 / 47	5.3	8.5	4.6	.9														240	240	320	
46 / 45	1.5	3.9	2.1															93	93	236	
44 / 43	.5	2.4	1.2															51	51	117	
42 / 41	.2	.2	.2															7	7	48	
40 / 39	.1																	1	1	15	
38 / 37																					
36 / 35																					
34 / 33																					
TOTAL	20.638	126.511	72.3	.7														1240	1240	1240	

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

$\sum x$

$\sum x^2$

Element (X)

Total

≥93 F

≥80 F

≥73 F

≥67 F

≤32 F

≤0 F

1.2

1240

1240

1240

1240

45.4

4.030

56294

2575782

744.0

744.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

5700 PSYCHROMETRIC SUMMARY JAN 68

AUG

MONTH

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HOURS (L.S.T.)

73-77

YEARS

KEFLAVIK, ICELAND

STATION NAME

16201

STATION

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	
62/ 61		.1			.1													2	2	1	
60/ 59				.2	.1	.1												4	4	1	
58/ 57		.2	.2	.4		.2												12	12	1	
56/ 55		1.9	2.3	1.1	.4	.3	.1											76	76	2	
54/ 53	.5	4.1	4.4	2.4	.8	.2												155	155	44	
52/ 51	4.8	9.4	5.5	2.7	1.0	.2												291	291	175	
50/ 49	5.6	10.6	5.4	1.3	.2													288	288	277	
48/ 47	4.4	8.3	3.2	.3														202	202	299	
46/ 45	2.3	3.9	1.9	.3	.1													104	104	218	
44/ 43	1.3	2.2	1.7	.2														67	67	120	
42/ 41	.8	.6	.7															27	27	52	
40/ 39	.2	.2	.2															9	9	34	
38/ 37		.2																2	2	15	
36/ 35		.1																1	1	1	
34/ 33																				1	
32/ 31																				1	
30/ 29																				1	
TOTAL	20.04	1.82	5.6	9.0	2.7	1.0	.1											1240	1240	1240	

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

$\sum x$

$\sum x^2$

Element (X)

Ref. Hum.

Dry Bulb

Wet Bulb

Dew Point

Total

744.0

744.0

744.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

16201 KEFLAVIK, ICELAND

73-77

NOV

STATION NAME

YEARS

MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
50/ 49	.2																	27	27	22	22	
48/ 47	1.8	.4																30	30	25	24	
46/ 45	1.3	.8	.3															60	60	39	30	
44/ 43	2.2	2.1	.5	.2														101	101	85	51	
42/ 41	3.9	3.3	1.2	.1														130	130	90	65	
40/ 39	3.0	6.2	1.5	.1														170	170	131	90	
38/ 37	3.0	9.0	2.0	.2														159	159	163	115	
36/ 35	2.7	8.4	2.0	.2														130	130	164	139	
34/ 33	2.6	6.2	2.1															88	88	100	124	
32/ 31	1.4	4.1	1.8															91	91	80	106	
30/ 29	.8	4.7	2.1															73	73	90	72	
28/ 27	.1	5.2	.8															43	43	73	53	
26/ 25	.5	2.5	.6															53	53	44	69	
24/ 23	.4	3.2	.8															31	31	49	72	
22/ 21	.1	2.3	.2															8	8	34	46	
20/ 19	.1	.6																4	4	6	32	
18/ 17		.3																		3	32	
16/ 15																					29	
14/ 13																					16	
12/ 11																					7	
10/ 9																					2	
8/ 7																						
6/ 5																						
TOTAL	24.259.3	15.9	.6															1200	1200	1200	1200	
										</												

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

$\sum x$

$\sum x^2$

Element (X)

Total

≥93 F

≥80 F

≥73 F

≥67 F

≥52 F

≤0 F

234.6

287.4

397.2

1200

1200

1200

1200

720.0

720.0

720.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

16201 KEFLAVIK, ICELAND 73-77 DEC MONTH
STATION NAME YEARS PAGE 1 HOURS (L.S.T.)

53005 PSYCHROMETRIC SUMMA JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Wet Bulb	Dew Point		
48/ 47	.2																	2	2	2		
46/ 45	.1	.2																4	4	1		
44/ 43	1.5	3.1	.5															63	63	37		
42/ 41	2.4	1.9	.9															64	64	59		
40/ 39	2.4	2.7	.6															71	71	61		
38/ 37	1.9	3.9	1.5	.2														91	91	71		
36/ 35	2.3	3.9	1.9	.5														105	105	98		
34/ 33	2.7	6.3	1.7															132	132	107		
32/ 31	2.4	6.5	1.7	.1														132	132	129		
30/ 29	2.4	6.3	1.5															127	127	133		
28/ 27	2.3	4.9	.6															97	97	127		
26/ 25	2.1	5.1	.8															99	99	99		
24/ 23	.8	4.3	.6															70	70	85		
22/ 21	1.1	4.1	.6															73	73	76		
20/ 19	.8	2.0	.2															37	37	59		
18/ 17	.3	1.8	.5															32	32	36		
16/ 15	.5	.6	.2															15	15	26		
14/ 13		.6	.1															8	8	10		
12/ 11	.1	.8																11	11	7		
10/ 9	.1	.3																5	5	13		
8/ 7	.2																	2	2	3		
6/ 5																				1		
4/ 3																				11		
2/ 1																				5		
- 2/ - 3																				5		
- 4/ - 5																				1		
TOTAL	26.359	413.6	.7															1240	1240	1240		
Element (X)		ΣX ²			ΣX			ΣX										Mean No. of Hours with Temperature				
Rel. Hum.		8945256		104320	84.1	11.076		1240										≥80 F	≥83 F	Total		
Dry Bulb		1245591		38187	30.8	7.494		1240												744.0		
Wet Bulb		1148105		36539	29.5	7.391		1240												744.0		
Dew Point		969477		32707	26.4	9.283		1240												744.0		

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	8945256	104320	84.1	11.876	1240	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb	1245591	38187	30.8	7.494	1240	424.6					744.0
Wet Bulb	1148105	36539	29.5	7.591	1240	482.4					744.0
Dew Point	969477	32707	26.4	9.283	1240	3.6	543.6				744.0

PSYCHROMETRIC SUMMARY

16201 KEFLAVIK, ICELAND 73-77 ALL MONTH
STATION NAME YEARS PAGE 1 HOURS (L.S.T.)

55 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67		.0			.0	.0	.0											2	2		
62/ 61		.0			.0	.0	.0											3	3		
60/ 59		.0	.0	.0	.0	.0	.0											11	11	1	1
58/ 57		.0	.1	.1	.1	.1	.1											35	35	4	4
56/ 55	.0	.2	.3	.3	.3	.1	.1	.0										141	141	11	5
54/ 53	.1	.6	.8	.7	.2	.2	.0	.0										365	365	69	27
52/ 51	.8	2.4	1.7	.9	.3	.1	.0											888	888	359	194
50/ 49	1.9	3.4	2.3	.9	.2	.1	.0											1265	1265	899	641
48/ 47	1.9	4.1	2.2	.8	.2	.1	.0											1351	1352	1226	855
46/ 45	1.3	4.0	1.7	.6	.1	.0												1115	1115	1356	989
44/ 43	1.8	4.0	2.0	.5	.1													1209	1209	1282	1090
42/ 41	2.0	3.5	1.7	.4	.1													1119	1120	1203	1120
40/ 39	2.1	3.7	2.0	.3	.0													1194	1195	1238	1169
38/ 37	1.3	3.6	1.9	.3														1039	1039	1072	1128
36/ 35	1.3	3.4	1.5	.3	.0													960	961	1062	1092
34/ 33	1.5	3.0	1.5	.1														892	892	1053	955
32/ 31	1.2	2.5	1.2	.0														725	725	835	958
30/ 29	.7	2.3	.9	.0														575	575	696	820
28/ 27	.6	2.2	.6	.0														495	495	618	674
26/ 25	.6	1.7	.4															385	385	477	548
24/ 23	.4	1.6	.3															319	319	391	535
22/ 21	.3	1.3	.2															259	259	307	498
20/ 19	.3	.6	.0															134	134	234	344
18/ 17	.1	.3	.0															63	63	115	299
16/ 15	.1	.1	.0															26	26	48	241
14/ 13	.0	.0	.0															9	9	17	178
12/ 11	.0	.1																11	11	7	90
10/ 9	.0	.0																5	5	13	72
8/ 7	.0	.0																2	2	3	26
6/ 5																				1	25
4/ 3																					11
2/ 1																					5
- 2/ - 3																					5
- 4/ - 5																					1
Element (X)																			Mean No. of Hours with Temperature		
Rel. Hum.																			≥ 0 F		
Dry Bulb																			≥ 73 F		
Wet Bulb																			≥ 80 F		
Dew Point																			≥ 93 F		
																			Total		

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

16201	STATION
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KEFLAVIK, ICELAND

73-77

STATION NAME

YEARS

ALL

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HOURS (L.S.T.)

[illegible]

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-77

16201 KEFLAVIK, ICELAND

STATION	HRS.(LST.)	STATION NAME												ANNUAL
		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
00	MEAN	30.9	32.2	34.6	36.3	40.3	44.4	47.8	48.0	43.4	41.5	34.7	31.1	39.2
	S. D.	6.251	5.923	6.074	6.931	4.852	3.395	2.501	3.367	4.800	4.202	6.498	7.218	8.295
	TOTAL OBS	153	141	155	150	155	150	155	155	150	155	150	155	1824
03	MEAN	30.9	32.0	34.3	36.3	40.3	44.4	47.8	48.0	43.4	41.5	34.6	30.9	38.7
	S. D.	6.158	6.339	6.090	6.952	5.019	3.737	2.588	3.552	4.865	4.462	6.412	7.539	8.190
	TOTAL OBS	154	141	155	150	155	150	155	155	150	155	150	155	1825
06	MEAN	30.9	31.9	34.1	36.3	40.5	44.9	48.1	47.8	43.0	41.4	34.6	30.7	38.7
	S. D.	6.212	6.359	6.030	6.916	4.893	3.523	2.551	3.469	5.094	4.608	6.482	7.677	8.252
	TOTAL OBS	154	141	155	150	155	150	155	155	150	155	150	155	1825
09	MEAN	31.1	31.7	34.4	37.6	43.0	46.7	49.6	49.5	44.4	41.3	34.5	30.5	39.6
	S. D.	5.991	6.475	6.166	6.694	4.751	3.440	2.619	2.946	4.610	4.470	6.201	7.938	8.713
	TOTAL OBS	154	141	155	150	155	150	155	155	150	155	150	155	1825
12	MEAN	31.4	33.0	36.1	39.2	44.8	48.5	51.1	50.9	46.8	43.2	35.1	30.9	41.0
	S. D.	5.921	6.037	5.876	6.617	5.128	3.078	2.772	3.031	4.051	3.935	6.101	7.774	8.954
	TOTAL OBS	154	141	155	150	155	150	155	155	150	155	150	155	1825
15	MEAN	31.9	33.4	37.0	40.0	45.9	49.3	51.9	51.6	47.4	43.9	35.5	30.9	41.6
	S. D.	5.934	5.947	5.711	6.632	4.946	2.974	3.112	3.085	3.957	3.658	6.079	7.429	9.043
	TOTAL OBS	154	141	155	150	155	150	155	155	150	155	150	155	1825
18	MEAN	31.3	32.6	36.3	39.3	45.3	49.1	51.6	51.3	46.7	42.6	34.8	30.6	41.0
	S. D.	6.202	6.111	5.976	6.586	4.794	2.688	3.015	3.136	4.077	4.018	6.345	7.365	9.160
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
21	MEAN	31.2	32.4	35.2	37.8	43.6	47.6	50.3	49.8	44.5	41.7	34.6	30.7	40.0
	S. D.	6.265	6.010	6.249	6.644	4.756	3.005	2.666	3.220	4.513	4.096	6.559	7.129	8.730
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
ALL HOURS	MEAN	31.2	32.4	35.2	37.9	43.1	47.0	49.9	49.7	45.0	42.1	34.8	30.8	40.0
	S. D.	6.109	6.158	6.091	6.870	5.298	3.720	3.122	3.513	4.775	4.280	6.327	7.494	8.735
	TOTAL OBS	1233	1128	1240	1200	1240	1200	1240	1240	1200	1240	1200	1240	14601

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-77

16201 KEFLAVIK, ICELAND

STATION

STATION NAME

YEARS

HRS (LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	29.7 6.400 153	30.7 5.879 141	33.2 6.279 155	35.1 7.378 150	39.1 5.061 155	43.2 3.919 150	46.9 2.776 155	46.8 3.517 155	41.9 5.416 150	40.1 4.753 155	33.2 6.927 150	29.8 7.417 155	37.5 8.313 1824
03	29.7 6.314 154	30.6 6.236 141	32.9 6.277 155	34.8 7.424 149	38.4 5.218 155	42.5 4.308 150	46.3 2.872 155	46.4 3.764 155	41.6 5.508 150	40.0 4.858 155	33.0 6.738 150	29.5 7.653 155	37.2 8.281 1824
06	29.7 6.355 154	30.4 6.335 141	32.6 6.246 155	34.7 7.405 149	38.8 5.133 155	43.0 4.117 150	46.7 2.797 155	46.3 3.692 155	41.3 5.631 150	39.8 4.960 155	33.2 6.829 150	29.4 7.759 155	37.2 8.358 1824
09	29.8 6.117 154	30.3 6.362 141	32.8 6.365 155	35.9 7.176 150	40.1 4.839 155	43.9 4.028 150	47.4 2.817 155	47.3 3.197 155	42.3 5.186 150	39.8 4.904 155	33.2 6.611 150	29.2 8.029 155	37.7 8.559 1825
12	30.2 6.153 154	31.4 6.062 141	34.3 6.120 155	37.0 7.014 150	41.1 4.826 155	44.9 3.748 150	48.2 2.793 155	48.0 3.075 155	43.8 4.845 150	41.2 4.443 155	33.7 6.434 150	29.5 7.859 155	38.7 8.530 1825
15	30.6 6.088 154	31.7 5.993 141	34.9 6.004 155	37.5 6.971 150	41.8 4.941 155	45.3 3.503 150	48.7 2.734 155	48.6 2.868 155	44.1 4.817 150	41.5 4.211 155	33.9 6.504 150	29.6 7.522 155	39.1 8.521 1825
18	30.0 6.420 155	31.1 6.026 141	34.6 6.243 155	37.0 6.874 150	41.5 4.781 155	45.2 3.370 150	48.4 2.600 155	48.4 2.967 155	43.7 4.913 150	40.7 4.457 155	33.3 6.681 150	29.4 7.425 155	38.7 8.627 1826
21	29.9 6.428 155	30.9 5.982 141	33.7 6.564 154	36.0 6.954 150	40.5 4.842 155	44.4 3.380 149	47.9 2.578 155	47.5 3.134 155	42.4 5.287 150	40.2 4.582 155	33.1 6.862 150	29.4 7.195 155	38.0 8.494 1824
ALL HOURS	30.0 6.275 1233	30.9 6.111 1124	33.6 6.301 1239	36.0 7.203 1198	40.2 5.084 1240	44.1 3.930 1199	47.6 2.861 1240	47.4 3.364 1240	42.7 5.293 1200	40.4 4.678 1240	33.3 6.688 1200	29.5 7.592 1240	38.0 8.485 14597

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTRATION COMPANY, U. S. A.

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-77

16201 KEFLAVIK, ICELAND

STATION NAME														YEARS											
HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL												
00	MEAN	26.9	27.8	30.4	32.4	36.1	40.6	45.3	45.1	39.5	38.2	30.3	26.7	35.0											
	S. D.	7.956	7.029	7.844	9.345	6.623	5.540	3.850	4.536	7.162	6.237	8.832	9.087	9.700											
	TOTAL OBS	153	141	155	150	155	150	155	155	150	155	150	155	1824											
03	MEAN	27.2	27.8	30.0	31.9	35.8	40.4	44.9	44.9	39.5	38.1	30.1	26.5	34.8											
	S. D.	7.745	7.335	7.910	9.517	6.488	5.802	3.890	4.723	7.187	6.265	8.583	9.192	9.683											
	TOTAL OBS	154	141	155	149	155	150	155	155	150	155	150	155	1824											
06	MEAN	27.2	27.3	29.8	31.9	36.4	41.0	45.3	44.8	39.0	37.8	30.3	26.4	34.8											
	S. D.	7.649	7.699	7.895	9.488	6.614	5.643	3.806	4.762	7.256	6.385	8.575	9.497	9.805											
	TOTAL OBS	154	141	155	149	155	150	155	155	150	155	150	155	1824											
09	MEAN	27.1	27.5	29.8	32.8	36.5	40.8	45.5	45.3	39.6	37.8	30.4	26.0	35.0											
	S. D.	7.730	7.543	8.021	9.571	6.473	5.913	4.143	4.626	7.073	6.351	8.440	9.852	9.903											
	TOTAL OBS	154	141	155	150	155	150	155	155	150	155	150	155	1825											
12	MEAN	27.4	28.3	31.0	33.4	36.5	41.0	45.4	45.3	40.2	38.7	31.1	26.4	35.4											
	S. D.	7.806	7.401	8.011	9.393	6.464	6.234	4.332	4.820	7.211	6.321	8.129	9.679	9.760											
	TOTAL OBS	154	141	155	150	155	150	155	155	150	155	150	155	1825											
15	MEAN	27.8	28.4	31.3	33.6	36.5	41.0	45.7	45.6	40.2	38.5	30.9	26.5	35.6											
	S. D.	7.745	7.466	8.233	9.498	7.328	6.206	4.300	4.699	7.355	6.060	8.443	9.101	9.793											
	TOTAL OBS	154	141	155	150	155	150	155	155	150	155	150	155	1825											
18	MEAN	27.3	28.2	31.6	33.1	36.6	41.0	45.4	45.7	40.2	38.3	30.4	26.3	35.4											
	S. D.	8.103	7.186	8.051	9.270	6.851	5.838	4.093	4.745	7.324	6.049	8.391	9.181	9.772											
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826											
21	MEAN	27.0	27.9	30.8	32.9	36.6	40.9	45.6	45.4	39.8	38.1	30.1	26.3	35.2											
	S. D.	8.028	7.317	8.388	8.999	6.531	5.453	3.829	4.477	7.228	6.033	8.721	8.831	9.779											
	TOTAL OBS	155	141	154	150	155	149	155	155	150	155	150	155	1824											
ALL HOURS	MEAN	27.2	27.9	30.6	32.8	36.4	40.8	45.4	45.3	39.8	38.2	30.5	26.4	35.1											
	S. D.	7.829	7.361	8.048	9.377	6.663	5.822	4.030	4.671	7.215	6.204	8.499	9.283	9.776											
	TOTAL OBS	1233	1128	1239	1198	1240	1199	1240	1240	1200	1240	1200	1240	14597											

NAVWEASERVCOM

JAN _____
MONTH

73-77

KEFLAVIK, ICELAND

16201

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
JAN	00	100.0	100.0	100.0	100.0	100.0	98.7	90.2	66.7	38.6	85.2	153
	03	100.0	100.0	100.0	100.0	100.0	98.7	94.2	71.4	41.6	86.8	154
	06	100.0	100.0	100.0	100.0	100.0	100.0	94.2	69.5	37.7	86.2	154
	09	100.0	100.0	100.0	100.0	100.0	98.1	87.0	68.2	42.9	85.6	154
	12	100.0	100.0	100.0	100.0	100.0	99.4	89.0	67.5	40.9	85.7	154
	15	100.0	100.0	100.0	100.0	100.0	98.1	87.7	66.2	39.6	85.3	154
	18	100.0	100.0	100.0	100.0	100.0	100.0	85.8	67.1	37.4	85.7	155
	21	100.0	100.0	100.0	100.0	100.0	98.1	90.3	66.5	36.1	84.7	155
TOTALS		100.0	100.0	100.0	100.0	100.0	98.9	89.8	67.9	39.6	85.7	1233

RELATIVE HUMIDITY

FEB
MONTH

MONTH

73-77

PERIOD

KEFLAVIK, ICELAND

[illegible]

16201

STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
FEB	00	100.0	100.0	100.0	100.0	100.0	98.6	87.9	66.7	34.0	84.1	141
	03	100.0	100.0	100.0	100.0	100.0	97.9	87.2	66.0	35.5	84.9	141
	06	100.0	100.0	100.0	100.0	100.0	98.6	84.4	62.4	35.5	83.9	141
	09	100.0	100.0	100.0	100.0	100.0	98.6	90.8	63.8	36.9	84.6	141
	12	100.0	100.0	100.0	100.0	100.0	100.0	83.7	59.6	35.5	83.7	141
	15	100.0	100.0	100.0	100.0	100.0	98.6	78.7	53.9	33.3	82.5	141
	18	100.0	100.0	100.0	100.0	100.0	97.9	88.7	62.4	33.2	84.3	141
	21	100.0	100.0	100.0	100.0	100.0	99.3	88.7	61.0	29.8	83.7	141
TOTALS		100.0	100.0	100.0	100.0	100.0	98.7	86.3	62.0	34.2	84.0	1128

5706 RELATIVE HUMIDITY JAN 68

16201
STATION

KEFLAVIK, ICELAND STATION

73-77

STATION NAME

PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00	100.0	100.0	100.0	100.0	100.0	99.4	90.3	66.5	35.5	85.0	155
	03	100.0	100.0	100.0	100.0	100.0	98.7	87.7	67.7	32.9	84.7	155
	06	100.0	100.0	100.0	100.0	100.0	98.1	87.7	65.2	35.5	84.7	155
	09	100.0	100.0	100.0	100.0	99.4	94.8	86.5	63.9	34.8	84.2	155
	12	100.0	100.0	100.0	100.0	99.4	93.5	79.4	58.1	32.9	82.3	155
	15	100.0	100.0	100.0	100.0	98.7	91.6	71.6	57.4	28.4	80.6	155
	18	100.0	100.0	100.0	100.0	100.0	95.5	82.6	63.9	33.5	83.8	155
	21	100.0	100.0	100.0	100.0	100.0	96.8	83.8	65.6	38.3	84.6	154
TOTALS		100.0	100.0	100.0	100.0	99.7	96.1	83.7	63.5	34.0	83.7	1239

RELATIVE HUMIDITY

16201
STATION

KEFLAVIK, ICELAND

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

73-77

PERIOD

APR
MONTH

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00	100.0	100.0	100.0	100.0	100.0	98.7	86.0	69.3	38.0	85.5	150
	03	100.0	100.0	100.0	100.0	100.0	97.3	84.6	64.4	39.6	84.5	149
	06	100.0	100.0	100.0	100.0	100.0	98.0	83.9	67.8	36.9	84.9	149
	09	100.0	100.0	100.0	100.0	100.0	94.0	80.0	64.0	36.0	83.6	150
	12	100.0	100.0	100.0	100.0	96.7	89.3	76.7	55.3	28.0	80.6	150
	15	100.0	100.0	100.0	100.0	97.3	88.0	68.0	51.3	26.0	79.1	150
	18	100.0	100.0	100.0	100.0	98.7	89.3	71.3	48.0	26.0	79.4	150
	21	100.0	100.0	100.0	100.0	100.0	94.7	81.3	60.7	35.3	83.0	150
TOTALS		100.0	100.0	100.0	100.0	99.1	93.7	79.0	60.1	33.2	82.6	1198

RELATIVE HUMIDITY

16201
STATION

KEFLAVIK, ICELAND STATION

STATION NAME

73-77

PERIOD

UNKNOWN
MAY

FLYNN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00	100.0	100.0	100.0	100.0	99.4	96.8	86.5	57.4	25.2	82.5	155
	03	100.0	100.0	100.0	100.0	100.0	97.4	89.0	69.7	26.5	84.2	155
	06	100.0	100.0	100.0	100.0	100.0	97.4	90.3	74.2	37.4	85.7	155
	09	100.0	100.0	100.0	100.0	98.1	91.0	75.5	47.1	12.9	78.6	155
	12	100.0	100.0	100.0	99.4	97.4	80.6	56.8	30.3	12.3	73.6	155
	15	100.0	100.0	99.4	97.4	91.0	76.8	52.9	27.1	12.9	71.1	155
	18	100.0	100.0	100.0	98.7	95.5	78.7	57.4	27.7	12.9	72.9	155
	21	100.0	100.0	100.0	98.7	98.7	91.6	69.7	39.4	11.6	77.3	155
TOTALS		100.0	100.0	99.9	99.3	97.5	88.8	72.3	46.6	19.0	78.2	1240

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

16201
STATION

KEFLAVIK, ICELAND

73-77

PERIOD

JUN
MONTH

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00	100.0	100.0	100.0	100.0	100.0	98.0	88.0	60.7	22.7	83.3	150
	03	100.0	100.0	100.0	100.0	100.0	99.3	94.0	71.3	37.3	86.2	150
	06	100.0	100.0	100.0	100.0	100.0	98.7	92.0	74.0	41.3	86.7	150
	09	100.0	100.0	100.0	100.0	99.3	96.0	78.7	50.7	26.0	80.6	150
	12	100.0	100.0	100.0	99.3	97.3	81.3	66.7	42.0	18.0	76.6	150
	15	100.0	100.0	100.0	99.3	90.7	81.3	62.0	38.0	14.7	74.4	150
	18	100.0	100.0	100.0	100.0	94.7	84.7	64.7	34.0	12.7	74.8	150
	21	100.0	100.0	100.0	100.0	97.3	91.9	71.1	49.7	18.6	78.7	149
TOTALS		100.0	100.0	100.0	99.8	97.4	91.4	77.2	52.6	23.9	80.2	1199

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MONTH

NAVWEASERVCOM

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

16201 KEFLAVIK, ICELAND STATION NAME 73-77 PERIOD AUG MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00	100.0	100.0	100.0	100.0	100.0	98.1	96.1	75.5	41.3	88.0	155
	03	100.0	100.0	100.0	100.0	100.0	99.4	96.8	81.3	51.6	89.6	155
	06	100.0	100.0	100.0	100.0	100.0	100.0	96.1	80.0	52.9	89.8	155
	09	100.0	100.0	100.0	100.0	99.4	97.4	91.0	67.1	40.6	86.2	155
	12	100.0	100.0	100.0	99.4	97.4	95.5	78.1	55.5	30.3	82.3	155
	15	100.0	100.0	100.0	100.0	97.4	89.7	76.1	56.8	27.7	81.2	155
	18	100.0	100.0	100.0	100.0	97.4	91.6	76.8	56.1	32.3	82.2	155
	21	100.0	100.0	100.0	100.0	98.1	96.8	91.6	63.2	40.6	85.7	155
TOTALS		100.0	100.0	100.0	99.9	98.7	96.1	87.8	66.9	39.7	85.6	1240

5706 RELATIVE HUMIDITY JAN 68

SEP
MONTH

73-77

KEFLAVIK, ICELAND

16201
ATION

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00	100.0	100.0	100.0	100.0	100.0	99.3	86.7	63.3	34.0	85.4	150
	03	100.0	100.0	100.0	100.0	100.0	99.3	92.7	66.7	40.7	86.4	150
	06	100.0	100.0	100.0	100.0	100.0	98.0	92.7	66.0	41.3	86.3	150
	09	100.0	100.0	100.0	100.0	100.0	97.3	81.3	61.3	34.7	83.8	150
	12	100.0	100.0	100.0	100.0	100.0	87.3	67.3	44.7	26.7	78.7	150
	15	100.0	100.0	100.0	99.3	98.0	84.0	64.0	45.3	22.7	77.4	150
	18	100.0	100.0	100.0	100.0	100.0	88.0	72.0	46.7	24.7	79.2	150
	21	100.0	100.0	100.0	100.0	100.0	98.0	83.3	62.7	30.7	83.9	150
TOTALS		100.0	100.0	100.0	99.9	99.8	93.9	80.0	57.1	31.9	82.6	1200

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION
16201

KEFLAVIK, ICELAND

73-77

STATION NAME

PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00	100.0	100.0	100.0	100.0	100.0	98.7	88.7	62.7	31.3	84.2	150
	03	100.0	100.0	100.0	100.0	99.3	98.0	86.0	64.7	32.0	84.2	150
	06	100.0	100.0	100.0	100.0	100.0	99.3	89.3	62.0	36.0	85.0	150
	09	100.0	100.0	100.0	100.0	100.0	98.7	88.7	65.3	38.7	85.2	150
	12	100.0	100.0	100.0	100.0	100.0	99.3	91.3	68.7	37.3	85.7	150
	15	100.0	100.0	100.0	100.0	100.0	98.0	87.3	61.3	29.3	83.7	150
	18	100.0	100.0	100.0	100.0	100.0	99.3	90.0	64.7	29.3	84.2	150
	21	100.0	100.0	100.0	100.0	100.0	96.0	90.7	62.7	33.3	84.1	150
TOTALS		100.0	100.0	100.0	100.0	99.9	98.4	89.0	64.0	33.4	84.5	1200

RELATIVE HUMIDITY

DEC
MONTH

73-77

PERIOD

STATION NAME

KEFLAVIK, ICELAND

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00	100.0	100.0	100.0	100.0	100.0	98.7	89.0	60.0	35.5	84.0	155
	03	100.0	100.0	100.0	100.0	100.0	99.4	90.3	60.0	36.8	84.2	155
	06	100.0	100.0	100.0	100.0	100.0	98.7	89.0	62.6	35.5	84.4	155
	09	100.0	100.0	100.0	100.0	99.4	96.8	88.4	62.6	32.9	84.0	155
	12	100.0	100.0	100.0	100.0	99.4	97.4	85.2	65.2	32.9	83.9	155
	15	100.0	100.0	100.0	100.0	100.0	96.1	90.3	65.8	27.7	83.9	155
	18	100.0	100.0	100.0	98.7	98.7	96.1	87.1	67.1	39.4	84.6	155
	21	100.0	100.0	100.0	100.0	100.0	95.5	87.7	62.6	34.2	84.1	155
TOTALS		100.0	100.0	100.0	99.8	99.7	97.3	88.4	63.2	34.4	84.1	1240

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

ALL
MONTH

73-77

PERIOD

KEFLAVIK, ICELAND

STATION NAME

16201

STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	100.0	98.9	89.8	67.9	39.6	85.7	1233
FEB		100.0	100.0	100.0	100.0	100.0	98.7	86.3	62.0	34.2	84.0	1128
MAR		100.0	100.0	100.0	100.0	99.7	96.1	83.7	63.5	34.0	83.7	1239
APR		100.0	100.0	100.0	100.0	99.1	93.7	79.0	60.1	33.2	82.6	1198
MAY		100.0	100.0	99.9	99.3	97.5	88.8	72.3	46.6	19.0	78.2	1240
JUN		100.0	100.0	100.0	99.8	97.4	91.4	77.2	52.6	23.9	80.2	1199
JUL		100.0	100.0	100.0	100.0	99.8	97.4	86.6	64.6	37.9	85.4	1240
AUG		100.0	100.0	100.0	99.9	98.7	96.1	87.8	66.9	39.7	85.6	1240
SEP		100.0	100.0	100.0	99.9	99.8	93.9	80.0	57.1	31.9	82.6	1200
OCT		100.0	100.0	100.0	100.0	99.6	97.6	89.4	73.5	42.8	86.5	1240
NOV		100.0	100.0	100.0	100.0	99.9	98.4	89.0	64.0	33.4	84.5	1200
DEC		100.0	100.0	100.0	99.8	99.7	97.3	88.4	63.2	34.4	84.1	1240
TOTALS		100.0	100.0	100.0	99.9	99.3	95.7	84.1	61.8	33.7	83.6	14597

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

16201 KEFLAVIK, ICELAND

JAN 1973 - DEC 1977

JANUARY ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51	1.6	4.7	32.8	51.6	9.4					64	5.2
42 TO 46	4.9	22.6	23.8	24.4	18.9					164	13.3
37 TO 41	3.7	12.4	22.1	12.4	17.9			2.4	1.8	380	30.8
32 TO 36	8.1	28.6	24.6	8.1	3.2			5.5	2.0	346	28.1
27 TO 31	22.8	37.1	16.8	4.0	1.5			4.5	1.0	202	16.4
22 TO 26	36.8	32.9	15.8	9.2				3.9	1.3	76	6.2
17 TO 21				100.0						1	.1
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	9.4	20.7	20.7	12.2	12.6	9.2	10.8	3.0	1.4	1233	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

16201
STATION

KEFLAVIK, ICELAND

JAN 1973 - DEC 1977

FEBRUARY

ALL

HOURS (L.E.T.)

STATION NAME

YEARS

MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ESE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	6.0	19.2	19.6	13.3	17.9	12.3	9.0	1.9	.5	112.0	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

16201

STATION KEFLAVIK, ICELAND

JAN 1973 - DEC 1977

MARCH

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	7.8	13.8	11.6	17.0	23.1	13.2	8.2	4.4	1.0	124.0	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

16201

STATION KEFLAVIK, ICELAND

JAN 1973 - DEC 1977

MONTH APRIL

ALL

HOURS 11.5.7.1

STATION NAME

YEARS

MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51	3.3	1.3	4.9	14.8	62.3	9.8	1.6	3.3		61	5.1
42 TO 46	1.0	1.3	4.9	19.7	32.2	23.5	13.6	3.6	.3	391	32.6
37 TO 41	4.8	11.6	10.3	9.4	12.9	16.8	21.0	12.3	1.0	310	25.8
32 TO 36	19.0	16.6	10.9	5.7	14.2	10.4	13.3	9.3	.3	211	17.6
27 TO 31	40.9	22.8	5.5	11.0	3.9	.8	5.5	8.7	.8	127	10.6
22 TO 26	38.0	32.9	7.6	11.4	1.3		2.5	6.3		79	6.6
17 TO 21	28.6	66.7	4.8							21	1.8
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	12.4	12.1	7.6	12.3	20.0	14.4	13.0	7.5	.5	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

16201

STATION NAME
KEFLAVIK, ICELAND

JAN 1973 - DEC 1977

MAY

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (A.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61	18.9	13.5	10.8	21.6	13.5	2.7	8.1	8.1	2.7	37	3.0
52 TO 56	8.3	10.4	10.4	32.5	24.9	2.4	5.3	5.3	5.3	338	27.3
47 TO 51	12.0	12.3	9.9	10.4	26.5	10.8	7.0	7.0	4.1	415	33.5
42 TO 46	20.5	16.9	5.9	6.2	19.5	9.1	8.8	9.8	3.3	307	24.8
37 TO 41	31.6	36.8	10.5	3.5	6.1	2.6	4.4	2.6	1.8	114	9.2
32 TO 36	38.5	46.2	3.8	7.7			3.8			20	2.1
27 TO 31	66.7	33.3								3	.2
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	15.0	16.0	9.0	15.0	21.5	6.9	6.7	6.7	2.6	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

16201 KEFLAVIK, ICELAND

JAN 1973 - DEC 1977

JUNE ALL

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56	22.0	17.4	5.5	33.3	66.7	4.6	5.5	3.7		109	9.1
47 TO 51	12.4	8.9	7.4	23.9	17.4	10.7	9.7	7.5	.7	396	49.8
42 TO 46	14.6	15.7	6.8	20.5	22.2	15.7	15.2	10.1	2.8	396	33.0
37 TO 41	36.1	32.5	8.4	6.6	12.6	7.2	4.8		3.6	83	6.9
32 TO 36	27.3	63.6		3.6	3.6					11	.9
27 TO 31					9.1						
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	15.6	14.0	7.0	14.9	17.3	11.4	10.7	7.4	1.5	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

16201
STATION

KEFLAVIK, ICELAND

JAN 1973 - DEC 1977

JULY ALL

HOURS (L.S.T.)

STATION NAME

YEARS

MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ESE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66	100.0		50.0					50.0		2	.2
57 TO 61	19.2	11.5	7.7	7.7	11.5	3.8	23.1	11.5	3.8	1	.1
52 TO 56	18.8	11.9	5.3	15.2	15.5	8.9	9.2	13.5	1.7	29	2.1
47 TO 51	9.1	11.2	5.4	12.7	22.8	17.6	10.2	8.6	2.4	303	24.4
42 TO 46	21.9	10.6	.7	2.0	10.6	25.2	14.6	12.6	2.0	756	61.0
37 TO 41						100.0				191	12.2
32 TO 36										1	.1
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	13.3	11.3	4.9	11.9	19.2	16.1	10.7	10.4	2.2	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

JAN 1973 - DEC 1977

AUGUST ALL

KEFLAVIK, ICELAND

16201

HOURS (L.S.T.)

YEARS

STATION NAME

STATION

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66	5.9	17.6	100.0	17.6	17.6	11.8	5.9		5.9	1	.1
57 TO 61	11.0	10.2	13.3	22.3	22.6	5.4	5.4	8.2	1.7	354	1.4
52 TO 56	7.9	9.3	9.6	15.7	25.5	14.9	6.7	7.6	2.9	658	28.3
47 TO 51	17.6	14.4	10.7	4.3	18.2	7.0	18.7	4.8	4.3	187	53.1
42 TO 46	68.2	9.1	13.6	4.3	4.3					22	15.1
37 TO 41			100.0							1	1.8
32 TO 36											.1
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	11.3	10.4	11.1	15.6	23.1	10.6	6.0	7.1	2.7	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

16201 KEFLAVIK, ICELAND

JAN 1973 - DEC 1977

SEPTEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56	3.0	19.4	9.0	22.4	37.3	7.5	1.5			1	.1
47 TO 51	7.6	12.4	8.9	22.4	22.2	12.2	9.7	3.6	1.1	67	5.6
42 TO 46	18.0	9.7	11.4	12.7	17.5	7.2	13.3	6.9	3.3	474	39.5
37 TO 41	33.0	18.1	13.7	5.7	11.5	2.6	6.6	6.6	2.2	361	30.1
32 TO 36	49.3	39.1	7.2	1.4	1.4			1.4	1.4	227	18.9
27 TO 31				100.0						69	5.8
22 TO 26										1	.1
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	17.7	14.6	10.4	15.3	18.3	7.9	9.2	4.8	1.9	1200	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

16201
STATION

KEPLAVIK, ICELAND

JAN 1973 - DEC 1977

STATION NAME

YEARS

OCTOBER

ALL

HOURS (L.S.T.)

MONTH

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	12.1	14.0	17.8	17.6	17.7	7.5	7.3	4.1	1.9	124.0	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

16201
STATION

KEFLAVIK, ICELAND

JAN 1973 - DEC 1977

NOVEMBER

ALL

HOURS (LST.)

STATION NAME

YEARS

MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	18.5	20.2	10.8	15.3	17.4	8.3	5.9	2.6	1.0	1200	100.0

16201
STATION

KEFLAVIK, ICELAND

WIND DIRECTION

JAN 1973 - DEC 1977

STATION NAME

YEARS

MONTH

DECEMBER

ALL

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	11.3	20.5	13.8	14.3	8.6	7.5	17.0	5.2	1.7	124.0	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

KEFLAVIK, ICELAND

16201

JAN 1973 - DEC 1977

ALL

ALL

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

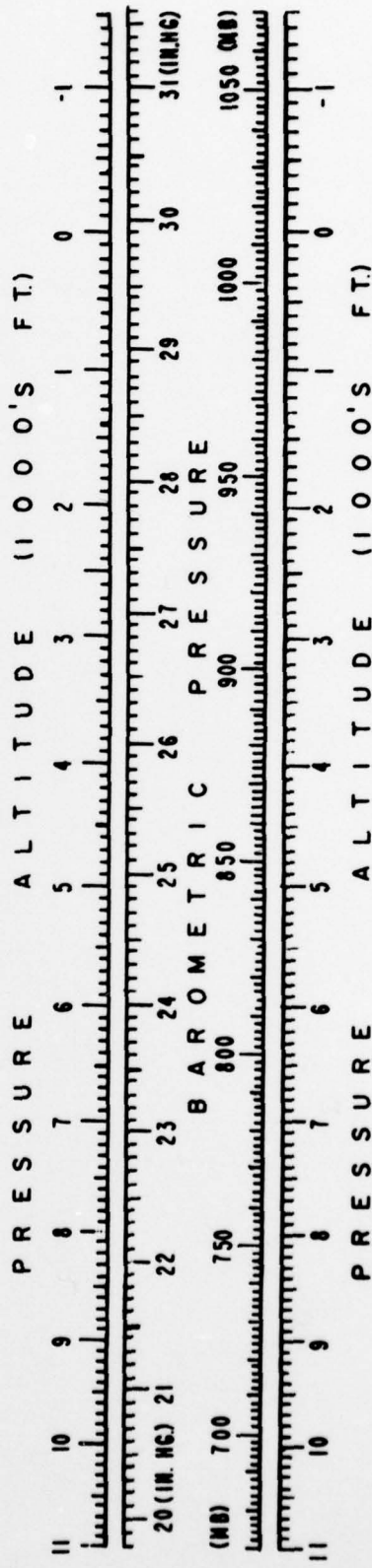
TEMP.	NNW & N	NNE & NE	ESE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66	50.0	12.8	10.6	14.9	17.0	6.4	14.9	6.4	4.3	2	.0
57 TO 61	12.8	12.4	9.0	20.2	20.1	7.1	6.6	6.7	1.4	47	.0
52 TO 56	14.6	12.4	8.1	20.0	24.8	12.3	8.0	6.3	1.3	882	6.0
47 TO 51	8.4	9.9	8.1	16.0	24.7	12.9	10.6	5.3	2.0	3129	21.4
42 TO 46	10.0	10.0	8.1	16.0	24.7	12.9	10.6	5.3	2.0	2922	20.0
37 TO 41	10.8	12.3	13.4	14.6	18.7	12.2	11.5	5.1	1.6	2756	18.9
32 TO 36	13.1	18.1	15.3	10.4	14.9	10.6	11.6	4.5	1.4	2240	15.3
27 TO 31	19.1	24.3	17.2	8.9	5.0	7.8	10.8	5.3	1.3	1408	9.6
22 TO 26	23.0	36.8	14.8	6.8	3.8	1.6	6.8	5.0	1.4	853	5.8
17 TO 21	30.0	40.1	14.3	8.5	2.0	.3	2.6	1.0	1.3	307	2.1
12 TO 16	14.3	37.1	31.4	17.1						35	.2
7 TO 11	5.6	66.7	5.6	22.2						18	.1
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	12.6	15.3	12.0	14.6	18.1	10.4	9.7	5.4	1.6	14601	100.0

PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTRATION COMPANY, U. S. A.

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

73-77

KEFLAVIK, ICELAND

STATION NAME

STATION

YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	29.16029.30429.38629.73629.74229.61629.61929.60629.53429.44329.40229.41229.498	.533.395.489.353.335.258.235.249.369.414.437.417.419	154.141.155.150.155.150.155.155.155.150.155.150.155										29.498
	MEAN												
	S. D.												
	TOTAL OBS												1825
03	29.15729.29329.38229.72929.73429.60629.61429.59629.52529.43029.39529.40829.490	.534.401.484.348.335.260.233.249.370.419.438.421.419	154.141.155.150.155.150.155.155.155.150.155.150.155										29.490
	MEAN												
	S. D.												
	TOTAL OBS												1825
06	29.15129.28029.38029.72129.73029.60029.61129.58629.52129.42629.39029.40129.484	.530.406.480.348.334.261.235.253.362.422.439.430.420	154.141.155.150.155.150.155.155.150.155.150.155										29.484
	MEAN												
	S. D.												
	TOTAL OBS												1825
09	29.15629.28629.39729.72629.73529.60729.61729.59529.53229.43729.39529.40929.492	.529.412.476.349.333.259.236.252.358.422.435.425.418	154.141.155.150.155.150.155.155.150.155.150.155										29.492
	MEAN												
	S. D.												
	TOTAL OBS												1825
12	29.16229.29029.40529.73529.73729.60929.61929.59829.53929.44529.40229.41629.498	.530.418.470.344.331.256.237.252.359.421.439.418.417	154.141.155.150.155.150.155.155.150.155.150.155										29.498
	MEAN												
	S. D.												
	TOTAL OBS												1825
15	29.15329.28329.39429.72629.73529.60929.61729.59629.53529.43629.39329.40729.491	.531.420.478.352.334.254.236.252.359.422.435.413.419	154.141.155.150.155.150.155.155.150.155.150.155										29.491
	MEAN												
	S. D.												
	TOTAL OBS												1825
18	29.15229.28529.38129.72429.72829.60529.61129.58929.53229.43029.39629.40529.487	.530.412.485.355.335.255.236.255.359.420.435.411.419	155.141.155.150.155.150.155.155.150.155.150.155										29.487
	MEAN												
	S. D.												
	TOTAL OBS												1826
21	29.16329.29929.38729.73529.73429.60929.61429.59729.54329.43529.40529.495	.527.410.491.359.334.255.234.254.360.418.437.409.418	155.141.155.150.155.150.155.155.150.155.150.155										29.495
	MEAN												
	S. D.												
	TOTAL OBS												1826
ALL HOURS	29.15729.29029.38929.72929.73429.60829.61529.59529.53329.43529.39729.40829.492	.529.408.480.356.333.257.235.251.361.419.436.417.418	1234.1128.1240.1200.1240.1240.1240.1240.1240.1200.1240.1200.1240										29.492
	MEAN												
	S. D.												
	TOTAL OBS												14602

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

73-77

16201 KEFLAVIK, ICELAND

STATION NAME

YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00	994.4 17.964 153	999.0 13.457 141	1001.8 16.638 155	1013.7 12.033 150	1013.9 11.421 155	1009.6 8.917 150	1009.7 8.025 155	1005.2 8.400 155	1006.8 12.574 150	1003.7 14.098 155	1002.4 14.909 150	1002.8 14.189 155	1005.6 14.210 1824
03	994.0 18.205 154	998.7 13.658 141	1001.7 16.501 155	1013.5 11.847 150	1013.7 11.419 155	1009.2 8.854 150	1009.5 7.965 155	1008.9 8.488 155	1006.5 12.631 150	1003.3 14.303 155	1002.2 14.956 150	1002.6 14.383 155	1005.3 14.282 1825
06	993.8 18.058 154	998.2 13.850 141	1001.6 16.359 155	1013.2 11.884 150	1013.5 11.365 155	1009.0 8.889 150	1009.4 7.974 155	1008.5 8.617 155	1006.3 12.371 150	1003.1 14.389 155	1002.0 14.984 150	1002.4 14.673 155	1005.1 14.293 1825
09	997.0 18.018 154	998.4 14.023 141	1002.2 16.191 155	1013.4 11.886 150	1013.7 11.353 155	1009.3 8.836 150	1009.6 8.040 155	1008.9 8.612 155	1006.7 12.212 150	1003.5 14.368 155	1002.2 14.871 150	1002.7 14.516 155	1005.4 14.242 1825
12	994.2 18.072 154	998.6 14.265 141	1002.5 16.021 155	1013.3 11.893 150	1013.7 11.296 155	1009.3 8.730 150	1009.7 8.097 155	1008.9 8.596 155	1007.0 12.257 150	1003.8 14.369 155	1002.4 14.976 150	1002.9 14.251 155	1005.6 14.210 1825
15	993.9 18.117 154	998.3 14.325 141	1002.0 16.316 155	1013.4 11.992 150	1013.6 11.393 155	1009.3 8.655 150	1009.6 8.065 155	1008.9 8.567 155	1006.9 12.262 150	1003.5 14.397 155	1002.1 14.846 150	1002.6 14.102 155	1005.4 14.275 1825
18	993.8 18.068 155	998.4 14.049 141	1001.7 16.534 155	1013.3 12.073 150	1013.4 11.405 155	1009.2 8.698 150	1009.4 8.038 155	1008.7 8.666 155	1006.7 12.269 150	1003.3 14.318 155	1002.1 14.876 150	1002.5 14.022 155	1005.2 14.257 1826
21	994.2 17.976 155	998.9 13.968 141	1002.5 17.121 155	1013.7 12.223 150	1013.7 11.376 155	1009.3 8.705 150	1009.5 7.977 155	1008.9 8.666 155	1007.1 12.267 150	1003.4 14.288 155	1002.5 14.922 150	1002.6 13.938 155	1005.6 14.275 1826
ALL HOURS	994.0 18.010 1233	998.6 13.911 112	1002.0 16.420 1240	1013.5 11.946 1200	1013.6 11.347 1240	1009.3 8.749 1200	1009.5 8.001 1240	1008.9 8.555 1240	1006.8 12.322 1200	1003.4 14.278 1240	1002.2 14.875 1200	1002.6 14.222 1240	1005.4 14.253 14601